Global Agenda

World Economic Forum
Annual Meeting 2016
Programme

Davos-Klosters, Switzerland 20-23 January
Programme Pillars

Mastering the Fourth Industrial Revolution

The Fourth Industrial Revolution is distinct in the speed, scale and force at which it transforms entire systems of production, distribution and consumption. How is technology changing our lives and that of future generations, and reshaping the economic, social, ecological and cultural contexts in which we live?

Addressing Global Security Issues

The humanitarian tragedy of the unfolding refugee crisis and reverberations from terrorist acts are reminders of how geostrategic competition, renewed regionalism and new antagonists are eroding global solidarity. How can public- and private-sector leaders prepare for a rapidly changing security landscape in which emerging technologies also play a key role?

Solving Problems of the Global Commons

Geosecurity tensions exacerbate the challenges of governing at a global level even as the urgency increases to pursue environmental and social sustainability, financial system reform and openness of the internet. How can problems of the global commons be tackled through new models of public-private cooperation and the application of breakthrough science and technology solutions?

Programme Icons

- Televised session
- Interpretation
- On the record
- Sign-up required

Programme Co-Chairs

Mary Barra, Chairman and Chief Executive Officer, General Motors Company, USA

Sharan Burrow, General Secretary, International Trade Union Confederation (ITUC), Brussels; Meta-Council on the Circular Economy

Satya Nadella, Chief Executive Officer, Microsoft Corporation, USA

Hiroaki Nakanishi, Chairman and Chief Executive Officer, Hitachi, Japan

Tidjane Thiam, Chief Executive Officer, Credit Suisse, Switzerland

Amira Yahyaoui, Founder and Chair, Al Bawsala, Tunisia; Global Shaper
Monday 18 January

06.00 - 01.00
Registration - Mühlestrasse 6 - 7260 Davos Dorf

Registration Opens

Pick up your badge at Registration's new location at Mühlestrasse 6, as of Monday 18 January at 06.00 until Tuesday at 01.00. Please refer to the Useful Information for opening hours for the rest of the week.

Please note that the Congress Centre opens on Tuesday 19 January at 14.00.
Tuesday 19 January

16.00 - 17.15
Congress Centre - Casanna

371 cancer moonshot

Cancer Moonshot: A Call to Action

US Vice-President Joe Biden convenes international leaders in cancer research, cancer treatment and data science to discuss potential opportunities to advance the pace of progress in the fight against cancer.

This session is webcast live.

Discussion Leaders
David B. Agus, Professor of Medicine and Engineering, USC Center for Applied Molecular Medicine, USA; Global Agenda Council on the Future of the Health Sector
José Baselga, Physician-in-Chief and Chief Medical Officer, Memorial Sloan-Kettering Cancer Center, USA
Elizabeth Blackburn, President, Salk Institute for Biological Studies, USA
Francis S. Collins, Director, National Institutes of Health, USA; Global Agenda Council on the Future of the Health Sector
Charles Sawyers, Chairman, Human Oncology and Pathogenesis Program (HOPP), Memorial Sloan-Kettering Cancer Center, USA

Chaired by
Joseph R. Biden Jr, Vice-President of the United States of America

18.00 - 18.10
Congress Centre - Congress Hall

2 welcome message

Welcome Message by the Executive Chairman

Simultaneous interpretation in all languages
This session is webcast live.

Klaus Schwab, Founder and Executive Chairman, World Economic Forum

18.10 - 18.30
Congress Centre - Congress Hall

3 crystal awards

The 22nd Annual Crystal Awards

The World Economic Forum's Crystal Award honours artists whose important contributions are improving the state of the world and who best represent the "spirit of Davos".

Simultaneous interpretation in all languages
This session is webcast live.

William Adams, Founder, I.Am.Angel Foundation, USA
Leonardo DiCaprio, Founder, Leonardo DiCaprio Foundation - LDF, USA
Olafur Eliasson, Artist, Studio Olafur Eliasson, Germany; Young Global Leader
Yao Chen, Actress, Beijing Chen Xin Culture and Art Studio, People's Republic of China

Chaired by
Hilde Schwab, Chairperson and Co-Founder, Schwab Foundation for Social Entrepreneurship, Switzerland
Tuesday 19 January

18.30 - 19.30
Congress Centre - Congress Hall

4 special concert/musical perspectives

Musical Perspectives on Global Cultures

Acclaimed cellist Yo-Yo Ma brings together a world-class ensemble of master musicians, including from his award-winning Silk Road Ensemble, for a globe-spanning concert celebrating intercultural dialogue and trust.

Yo-Yo Ma is joined by Sérgio and Odair Assad (Brazil), Sandeep Das (India), Johnny Gandelsman (USA), Cristina Pato (Spain), Kathryn Stott (UK) and Wu Tong (China) in a Silk Road collaboration.

The concert is held in partnership with Intesa Sanpaolo.

This session is webcast live.

With
Yo-Yo Ma, Cellist, USA

19.30 - 21.30
Congress Centre - Congress Hall Lobby

5 welcome reception

Welcome Reception

Professor Klaus Schwab and Mrs Hilde Schwab, together with the Managing Board, invite you to a welcome reception to reconfirm the spirit of friendship and community that defines the World Economic Forum Annual Meeting.

The reception is held in partnership with the Italian Trade Agency.
Wednesday 20 January

08.00 - 08.30
Congress Centre - Dischma

6 morning mindfulness 1

Mindfulness Meditation

Mindfulness meditation is the art of paying attention in the present moment, intentionally and non-judgementally.

Start your Annual Meeting 2016 with mindfulness expert Jon Kabat-Zinn to learn and experience the benefits of meditation.

With
Jon Kabat-Zinn, Professor of Medicine Emeritus, University of Massachusetts Medical School, University of Massachusetts, USA

08.45 - 09.45
Congress Centre - Seehorn Arena

10 security context

The New Security Context

How is the international security landscape transforming in the wake of violent extremism, regional rivalries and proxy wars?

On the agenda:
- Hybrid threats to safety and security
- Prognosis for the conflict in Syria
- Rising tensions among regional powers

This session is filmed and will be available on the World Economic Forum website at a later date.

Jean-Marie Guéhenno, President and Chief Executive Officer, International Crisis Group (ICG), Belgium; Global Agenda Council on Fragility, Violence & Conflict
Louise Mushikiwabo, Minister of Foreign Affairs and Cooperation of Rwanda; Global Agenda Council on Fragility, Violence & Conflict
James G. Stavridis, Dean, The Fletcher School of Law and Diplomacy, Tufts University, USA; Global Agenda Council on Cyber Security

Moderated by
Espen Barth Eide, Head of Geopolitical Affairs, Member of the Managing Board, World Economic Forum

08.45 - 09.45
Congress Centre - Schwarzhorn BetaZone

7 betazone/industrial revolution

A Brief History of Industrial Revolutions

The First, Second and Third Industrial Revolutions were characterized by game-changing technological, economic and political shifts. What can leaders learn from previous eras of disruptive technological change to prepare for the Fourth Industrial Revolution?

This session is filmed and will be available on the World Economic Forum website at a later date.

Hannah Dawson, Lecturer, History of Political Thought, King’s College London, United Kingdom
Ian Goldin, Professor of Globalization and Development, and Director, Oxford Martin School, University of Oxford, United Kingdom
W. Patrick McCray, Professor of History, University of California, Santa Barbara, USA

Moderated by
Niall Ferguson, Laurence A. Tisch Professor of History, Harvard University, USA
**Wednesday 20 January**

**8 institutional/insurance**

**Insuring the Transforming Risk Landscape**

How can the insurance industry innovate and transform to build risk resilience across value chains in response to rapid technological innovation?

On the agenda:
- Identifying and defining emerging risks
- Public policy and public-private collaboration to shape a new risk ecosystem
- New role of insurance/risk management

This session is for Forum Members and Partners active or interested in the Navigating the Emerging Risk Landscape project.

**Introduced by**
Giancarlo Bruno, Head of Financial Services Industries, Member of the Executive Committee, World Economic Forum USA

**With**
William H. Saito, Special Adviser, Cabinet Office of Japan; Young Global Leader; Global Agenda Council on Cyber Security

**Discussion Leaders**
Nikolaus von Bomhard, Chairman of the Board of Management, Munich Re (Münchener Rück), Germany
Kevin O’Donnell, President and Chief Executive Officer, RenaissanceRe Holdings, Bermuda
Michael Tipsord, President and Chief Executive Officer, State Farm Insurance Companies, USA

**Remarks by**
Shyam Sankar, President, Palantir Technologies, USA

**Facilitated by**
Mike McGavick, Chief Executive Officer, XL Group, USA

**9 institutional/social innovation**

**Advancing Corporate Social Innovation**

While more and more corporations are exploring social innovation as a strategy, many find it difficult to realize tangible benefits such as market entry, value-chain risk mitigation or attracting talent. How can social innovation serve the bottom line?

This session is for Forum Members and Partners active or interested in the Global Challenge Initiative on Economic Growth and Social Inclusion and the Advancing Corporate Social Innovation project.

**Introduced by**
Jennifer Blanke, Chief Economist, Member of the Executive Committee, World Economic Forum

**With**
George Barrett, Chairman and Chief Executive Officer, Cardinal Health, USA
Vincent A. Forlenza, Chairman, President and Chief Executive Officer, Becton, Dickinson and Company, USA
Linda A. Hill, Professor of Business Administration, Harvard Business School, USA
Rosalind L. Hudnell, President, Intel Foundation; Vice-President, Corporate Affairs Group, Intel Corporation, USA

**Discussion Leaders**
Steve Davis, President and Chief Executive Officer, PATH, USA; Global Agenda Council on Social Innovation
Lillian Sceclela Madeje, Co-Founder, Ekihya Consulting, Tanzania; Global Shaper
Elaine Montegriffo, Chief Executive Officer, SecondBite, Australia; Social Entrepreneur
Ashish J. Thakkar, Executive Chairman, Mara Sokoni, United Arab Emirates; Young Global Leader; Global Agenda Council on Africa
Tae Yoo, Senior Vice-President, Cisco, USA; Global Agenda Council on the Future of Jobs

**Moderated by**
Nicholas O'Donohoe, Senior Adviser, Blended Finance, Bill & Melinda Gates Foundation, USA; Global Agenda Council on Social Innovation

**12 long-term thinking**

**The Long-Term Imperative**

In an era of growing complexity and uncertainty, how can business leaders make decisions for the long term?

This session is webcast live.

**With**
Dominic Barton, Global Managing Director, McKinsey & Company, USA; Meta-Council on the Circular Economy
Laurence Fink, Chairman and Chief Executive Officer, BlackRock, USA
Andrew N. Liveris, Chairman and Chief Executive Officer, The Dow Chemical Company, USA
Güler Sabanci, Chairman and Managing Director, Hacı Ömer Sabancı Holding, Turkey
Tidjane Thiam, Chief Executive Officer, Credit Suisse, Switzerland; Co-Chair of the World Economic Forum Annual Meeting 2016
Mark Wiseman, President and Chief Executive Officer, Canada Pension Plan Investment Board, Canada

**Moderated by**
Victor Halberstadt, Professor of Economics, Leiden University, Netherlands; Global Agenda Council on Geo-economics

World Economic Forum Annual Meeting 2016 - Programme 7
### Earth Time-Lapse: The War on Water

Embark on a visual exploration that reveals the Arctic, oceans and freshwater crises. The session features high-resolution satellite images from NASA's Landsat Program, which provides the longest continuous global record of the Earth's surface.

**Located on the Lower Level of the Congress Centre, opposite the Plenary Bar**

Please arrive early, as seating is limited in the Earth Space.

**With**

- Johan Rockström, Executive Director, Stockholm Resilience Centre, Sweden
- Randy Sargent, Senior Systems Scientist, Carnegie Mellon University, USA

**Moderated by**

- Lyse Doucet, Chief International Correspondent, BBC News, United Kingdom

### Regions in Transformation: Arab World

Examine the drivers of political, economic and societal change that are shaping the future of the region.

**Transformations to be addressed:**
- Iran’s emerging role in the region
- Geo-economics of shifting oil prices
- Renewed efforts towards dialogue in Syria and Libya

**Simultaneous interpretation in English and Arabic**

- Majid Jafar, Chief Executive Officer, Crescent Petroleum, United Arab Emirates; Global Agenda Council on the Middle East and North Africa
- Mahmoud Jibril, Prime Minister of Libya (2011); Leader of the National Forces Alliance of Libya
- Amre Moussa, Secretary-General of the League of Arab States (2001-2011); Head of the Constitution of Fifty, Egypt
- Mahmood Sariolghalam, Professor of International Relations, National University of Iran, Islamic Republic of Iran; Global Agenda Council on the Middle East and North Africa

**Moderated by**

- Daniel Yergin, Vice-Chairman, IHS, USA

### The Transformation of Energy

What trends and uncertainties are shaping the future of energy value chains?

**Transformations to be addressed:**
- Digital and renewable energy innovation
- Price and demand uncertainty
- New oil and gas suppliers

This session is webcast live.

- Fatih Birol, Executive Director, International Energy Agency, Paris
- Hiroaki Nakanishi, Chairman and Chief Executive Officer, Hitachi, Japan; Co-Chair of the World Economic Forum Annual Meeting 2016
- Ignacio Sánchez Galán, Chairman and Chief Executive Officer, Iberdrola, Spain
- Eric Xin Luo, Chief Executive Officer, Shunfeng International Clean Energy, People's Republic of China

**Moderated by**

- Daniel Yergin, Vice-Chairman, IHS, USA
Wednesday 20 January

**09.00 - 10.00**
Congress Centre - Parsenn

**16 transformation/healthcare**

**The Transformation of Healthcare**

What trends and uncertainties are shaping the future of healthcare?

Transformations to be addressed:
- Shift from treatment to augmentation
- Human-centric and value-based healthcare
- Role of business in global health security

Stanley M. Bergman, Chairman of the Board and Chief Executive Officer, Henry Schein, USA; Global Agenda Council on Risk & Resilience
Omar Ishrak, Chairman and Chief Executive Officer, Medtronic, USA
Sylvia Mathews Burwell, US Secretary of Health and Human Services; Young Global Leader Alumnus
Michael F. Neidorff, Chairman and Chief Executive Officer, Centene Corporation, USA
John Noseworthy, President and Chief Executive Officer, Mayo Clinic, USA

Moderated by
Orit Gadiesh, Chairman, Bain & Company, USA

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**09.00 - 10.00**
Congress Centre - Sanada

**13 nyt/digital transformation**

**The Transformation of Tomorrow**

Humankind is at the threshold of transformation driven by the confluence of emerging technologies. How will the Fourth Industrial Revolution transform industries and societies?

This session was developed in partnership with The New York Times.

Simultaneous interpretation in English and Mandarin Chinese

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Zachary Bookman, Chief Executive Officer, OpenGov, USA
Paul Kagame, President of the Republic of Rwanda
Anand Mahindra, Chairman and Managing Director, Mahindra & Mahindra, India
Satya Nadella, Chief Executive Officer, Microsoft Corporation, USA; Co-Chair of the World Economic Forum Annual Meeting 2016
Sheryl Sandberg, Chief Operating Officer and Member of the Board, Facebook, USA; Young Global Leader Alumnus

Moderated by
Andrew R. Sorkin, Columnist, New York Times, USA; Young Global Leader Alumnus

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**09.00 - 09.30**
Congress Centre - Virtual Reality Space

**17 virtual reality 1**

**Virtual Reality: Collisions**

Join a group experience of the virtual reality film, **Collisions**. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

**Collisions** is by acclaimed artist Lynette Wallworth, in partnership with Nyarri Morgan, an indigenous elder and artist. It is supported by the World Economic Forum, Sundance Institute and Ford Foundation, in partnership with Jaunt VR.

You can also experience the film on your own and at your own pace outside of scheduled session times.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With
Lynette Wallworth, Artist, Studio Wallworth, Australia

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World Economic Forum Annual Meeting 2016 - Programme 9
**Wednesday 20 January**

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<th>Time</th>
<th>Location</th>
<th>Details</th>
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| 09.15 - 11.30 | Rinerhorn Mountain - Base Camp | Reaching Peak Performance  
Rising to the top requires performing under intense personal pressure. Physician Aki Hintsa has worked with Formula 1 world champions, Olympic-level athletes and top executives to help them reach their performance goals. Learn how to reach your peak performance on this alpine retreat at the Forum’s Base Camp on nearby Rinerhorn Mountain. |
| 09.45 - 10.15 | Congress Centre - Congress Hall | Around the World without Fuel or Fear  
Learn how breakthroughs in clean technology can take us to new heights with the explorers who broke the record for the world's longest solo flight using only solar energy.  
**Simultaneous interpretation in all languages**  
**This session is webcast live.** |
| 10.00 - 10.30 | Congress Centre - Robot Space | Meet the Robot  
Discover how advanced robotics will transform disaster response with the Korea Advanced Institute of Science and Technology (KAIST), 2015 DARPA Robotics Challenge winner and developer of HUBO, a multifunctional walking humanoid robot.  
Located on the Lower Level of the Congress Centre, next to the Information and Sign Up Desk  
**With**  
Oh Jun-Ho, Professor, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea |

### Transport Information

The shuttle for the Base Camp will leave at 08.30 from the Forum Shuttle Hub. Please be there 10 minutes ahead of time. After a 20-minute drive, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle will leave at 11.50 from the bottom of the Rinerhorn and arrives at the Congress Centre at around 12.20.

**With**

Mika Häkkinen, F1 World Champion, Hintsa Performance, Switzerland  
Aki Hintsa, Founder, Orthopaedic and Trauma Surgeon, Hintsa Performance, Switzerland  
Sebastian Vettel, Racing Driver, Formula One Management, Switzerland  
Toto Wolff, Head, Mercedes-Benz Motorsport, Mercedes-Benz Grand Prix, United Kingdom

**Facilitated by**

Lynda Gratton, Professor of Management Practice, London Business School, United Kingdom
Wednesday 20 January

10.00 - 10.30
Congress Centre - Humanitarian Hub

20 humanitarian hub/space

Supporting Relief from Outer Space

How can space technology and satellite data be leveraged to better connect disaster relief on the ground?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

Located on the Lower Level of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders
Richard Ambrose, Executive Vice-President, Space Systems, Lockheed Martin Space Systems Company, USA; Global Agenda Council on Space
Raj Kumar, President and Editor-in-Chief, Devex, USA; Global Agenda Council on Humanitarian Response

Facilitated by
Valerie Keller, Executive Director, Strategic Transformation, EY, USA; Young Global Leader

10.15 - 11.15
Congress Centre - Seehorn Arena

23 cybersecurity

Designing for Cyber-Resilience

What should be the priorities for protecting critical infrastructure against cyber-threats?

On the agenda:
- Norms of state behaviour in cyberspace
- Systemic cyber risk management for business
- Automated threat sharing and response protocols

This session is filmed and will be available on the World Economic Forum website at a later date.

Michael C. Bodson, President and Chief Executive Officer, Depository Trust & Clearing Corporation (DTCC), USA
Toomas Hendrik Ilves, President of Estonia; Global Agenda Council on Cyber Security
André Kudelski, Chairman of the Board and Chief Executive Officer, Kudelski Group, Switzerland
Gavin Patterson, Chief Executive Officer, BT Group, United Kingdom
William H. Saito, Special Adviser, Cabinet Office of Japan; Young Global Leader; Global Agenda Council on Cyber Security

Moderated by
Kirstjen Nielsen, President, Sunesis Consulting, USA; Global Agenda Council on Risk & Resilience

10.15 - 11.10
Congress Centre - Schwarzhorn BetaZone

357 betazone/global migration

Global Solutions to Global Migration

The world is undergoing a major population shift that will reshape future economic development; the key will be to have the right evidence-based policies put in place nationally and internationally.

Join a special session with Christine Lagarde, Managing Director of the International Monetary Fund.

This session is filmed and will be available on the World Economic Forum website at a later date.

Christine Lagarde, Managing Director, International Monetary Fund (IMF), Washington DC

World Economic Forum Annual Meeting 2016 - Programme 11
Wednesday 20 January

25 loft/betazone thriving in uncertainty

Thriving in Uncertain Times

Discover how the neuroscience of perception and adaptation is changing the way we think about uncertainty, creativity and innovation in our daily lives.

The Loft is across from the Congress Centre on Promenade.

Beau Lotto, Professor of Neurobiology, University College London (UCL), United Kingdom

Moderated by
Jean-François Manzoni, Professor of Management Practice; Shell Chaired Professor of Human Resources and Organizational Development, INSEAD, Singapore

24 debate/global values

Forum Debate: Clash of Modernities?

The idea of flourishing cosmopolitan democracies has given way to the reality of competing and sometimes clashing modernities. Can global challenges be solved without universally shared norms?

This session is part of the Forum Debate series on today’s dilemmas in economics, politics and society.

Mary Galeti, Executive Director, Tecovas Foundation, USA; Global Shaper; Global Agenda Council on Values
Jean-Paul Paloméros, General, French Air Force, Ministry of Defence of France, France
Dhananjayan Sriskandarajah, Secretary-General, Civicus: World Alliance for Citizen Participation, South Africa; Young Global Leader
Muhammad Yunus, Chairman, Yunus Centre, Bangladesh

Moderated by
Rana Mitter, Professor of History and Politics of Modern China, University China Centre, University of Oxford, United Kingdom

26 loft/ideaslab nature

Building an Intelligent Machine: The Nature IdeasLab

How are advances in artificial intelligence and robotics bringing us closer to a world in which humans and robots live and work together?

Discover and debate in the IdeasLab:
Idea 1: Machines that can read human emotions
Idea 2: The rise of social robotics
Idea 3: Moral-making machines
Idea 4: Verifying and validating machine intelligence

The Loft is across from the Congress Centre on Promenade.

Introduced by
Philip Campbell, Editor-in-Chief, Nature Magazine, United Kingdom; Global Agenda Council on Mental Health

Discussion Leaders
Vanessa Evers, Professor of Human Media Interaction, University of Twente, Netherlands
Andrew Moore, Dean, School of Computer Science, Carnegie Mellon University, USA
Maja Pantic, Professor of Affective and Behavioral Computing, Imperial College London, United Kingdom
Alan Winfield, Hewlett-Packard Professor of Electronic Engineering, University of the West of England, United Kingdom

Facilitated by
Harry West, Chief Executive Officer, frog, USA
**Wednesday 20 January**

10.30 - 11.45
Hilton Garden Inn - -

33 refugee experience 1

**A Day in the Life of a Refugee**

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

**10.30 - 11.45**

Congress Centre - Flüela IdeasLab

31 ideaslab/berkeley

**Manufacturing Reimagined: The University of California, Berkeley IdeasLab**

From nano to neurological, how are emerging technologies reinventing the nature of manufacturing?

- Discover and debate in the IdeasLab:
  - Idea 1: The factory of the future fits in your home
  - Idea 2: Manufacturing drugs and clean fuels with microbial refineries
  - Idea 3: Engineering thoughts and memories
  - Idea 4: Manufacturing dreams

This session is filmed and will be available on the World Economic Forum website at a later date.

**Introduced by**
Nicholas Dirks, Chancellor, University of California, Berkeley, USA; Global Agenda Council on Global Governance

**Discussion Leaders**
- Dan Yang, Professor of Neurobiology, University of California, Berkeley, USA
- Jack Gallant, Professor of Psychology and Neuroscience, University of California, Berkeley, USA
- Jay Keasling, Professor, Chemical Engineering and Bioengineering, University of California, Berkeley, USA
- Paul K. Wright, A. Martin Berlin Chair in Mechanical Engineering; Professor of Mechanical Engineering, University of California, Berkeley, USA

**Facilitated by**
Mariette DiChristina, Editor-in-Chief, Scientific American, USA; Meta-Council on Emerging Technologies

**10.30 - 11.45**

Congress Centre - Jakobshorn

32 institutional/gender parity

**Preparing for the Future of Gender Parity**

The Fourth Industrial Revolution will affect male- and female-dominated professions differently while creating new opportunities for both. How can businesses collaborate to reap the opportunities and mitigate the challenges ahead?

This session is for Forum Members and Partners active or interested in the Global Challenge Initiative on Gender Parity.

**Introduced by**
Saadia Zahidi, Head of Employment and Gender Initiatives, Member of the Executive Committee, World Economic Forum

**Katherine Garrett-Cox**, Chief Executive Officer, Alliance Trust Investments, United Kingdom; Young Global Leader; Global Agenda Council on Values

**Rick Goings**, Chairman and Chief Executive Officer, Tupperware Brands Corporation, USA; Global Agenda Council on Gender Parity

**Peter T. Grauer**, Chairman, Bloomberg, USA

**Dennis Nally**, Chairman, PricewaterhouseCoopers International, PwC, USA

**Laura D’Andrea Tyson**, Professor and Director, Haas School of Business, University of California, Berkeley, USA; Global Agenda Council on Gender Parity

**Moderated by**
Adam Grant, Professor, Management and Psychology, Wharton School, University of Pennsylvania, USA; Young Global Leader
Wednesday 20 January

10.30 - 11.30
Congress Centre - Aspen 2

27 business and climate

A New Climate for Doing Business

What are the opportunities and responsibilities in terms of business, innovation and entrepreneurship that have emerged from the Paris conference on climate?

On the agenda:
- Business implications of the political direction set by world leaders
- Requirements to mobilize investment and reduce emissions
- Opportunities for public-private collaboration for action

Simultaneous interpretation in English and Arabic

This session is webcast live.

Christiana Figueres, Executive Secretary, United Nations Framework Convention on Climate Change (UNFCCC), Bonn
Stuart T. Gulliver, Group Chief Executive, HSBC Holdings, United Kingdom
Doug McMillon, President and Chief Executive Officer, Wal-Mart, USA
Feike Sijbesma, Chief Executive Officer and Chairman of the Managing Board, Royal DSM, Netherlands

Moderated by
Steve Sedgwick, Presenter, CNBC, United Kingdom

10.30 - 11.30
Congress Centre - Aspen 1

28 business series/digital enterprise

The Digital Transformation of Industries

What big bets are companies making in the digital transformation of their business models and organizational structures?

On the agenda:
- Defining digital transformation
- Making the right investment decisions
- Designing a digital culture

This session is webcast live.

Marc R. Benioff, Chairman and Chief Executive Officer, Salesforce, USA; Young Global Leader Alumnus
Klaus Kleinfeld, Chairman and Chief Executive Officer, Alcoa, USA; World Economic Forum USA Foundation Board Member
Jean-Pascal Tricoire, Chairman and Chief Executive Officer, Schneider Electric, France
Bernard J. Tyson, Chairman and Chief Executive Officer, Kaiser Permanente, USA
Meg Whitman, President and Chief Executive Officer, Hewlett Packard Enterprise, USA

Moderated by
Rich Lesser, Global Chief Executive Officer and President, Boston Consulting Group, USA

10.30 - 11.30
Congress Centre - Parsenn

346 extractive industries

A New Era for Extractives

How are systemic shocks disrupting business in resource-extractive industries?

On the agenda:
- Implications of prolonged downturn in commodity prices and demand
- Pressure to accelerate clean growth and sustainable development
- New business models and technological innovation

Privahini Bradoo, Co-Founder and Chief Executive Officer, BlueOak, USA; Young Global Leader
Oleg V. Deripaska, President, RUSAL, Russian Federation
Lin Boqiang, Dean, Institute for Studies in Energy Policy, Xiamen University, People’s Republic of China; Global Agenda Council on Decarbonizing Energy
Steve Williams, President and Chief Executive Officer, Suncor Energy, Canada

Moderated by
Stephanie Ruhle, Anchor and Managing Editor, Bloomberg Television, USA
35 transformation/production

The Transformation of Production

What trends and uncertainties are shaping the future of manufacturing and production?

Transformations to be addressed:
- Advanced robotics and automation
- Circular economy business models
- Digitization of supply chains

Frank Appel, Chief Executive Officer, Deutsche Post DHL, Germany
Ellen MacArthur, Founder, Ellen MacArthur Foundation, United Kingdom; Meta-Council on the Circular Economy
Alex Molinaroli, Chairman, President and Chief Executive Officer, Johnson Controls, USA
Konstantin Novoselov, Director, National Graphene Institute, University of Manchester, United Kingdom; Young Scientist

Moderated by
Dan Colarusso, Executive Editor, Digital, Thomson Reuters, USA

10.30 - 11.30 Congress Centre - Pischa

30 fox/financial markets

Preventing Future Shocks

From monetary tightening to rattled bond markets, what are the trends and transformations reshaping financial markets in 2016?

This session was developed in partnership with Fox Business.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Carlos Ghosn, Chairman and Chief Executive Officer, Renault-Nissan Alliance, France
Paul Singer, Founder, Chief Executive Officer and Co-Chief Investment Officer, Elliott Management, USA
Martin Sorrell, Chief Executive Officer, WPP, United Kingdom
Min Zhu, Deputy Managing Director, International Monetary Fund (IMF), Washington DC

Moderated by
Maria Bartiromo, Anchor and Global Markets Editor, Fox Business Network, USA; Young Global Leader

10.30 - 11.45 Congress Centre - Wisshorn xChange

34 technology governance

The Governance of Progress

As the Fourth Industrial Revolution transforms society at an unprecedented pace, what leadership and governance systems can foster responsible decision-making without stifling progress?

Session objectives:
- Discuss approaches to technology-related decision-making
- Test value and applicability of those approaches for responsible decision-making
- Extract key learning from different approaches

Introduced by
Nicholas Davis, Head of Society and Innovation, Member of the Executive Committee, World Economic Forum
Patrick Aebischer, President, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland
Alicia Bárcena Ibarra, Executive Secretary, United Nations Economic Commission for Latin America and the Caribbean (ECLAC), Santiago; Global Agenda Council on Latin America
Sara Menker, Founder and Chief Executive Officer, Gro Intelligence, Kenya; Young Global Leader; Global Agenda Council on Africa
Satyen Sangani, Chief Executive Officer, Alation, USA
Cobus de Swardt, Managing Director, Transparency International, Germany; Global Agenda Council on Transparency & Anti-Corruption

Experts
Nita A. Farahany, Professor, Law and Philosophy, Duke University, USA
Andrew McAfee, Principal Research Scientist, MIT Initiative on the Digital Economy, Massachusetts Institute of Technology (MIT), USA; Global Agenda Council on the Future of Jobs

Facilitated by
Ngaire Woods, Dean, Blavatnik School of Government, University of Oxford, United Kingdom; Global Agenda Council on Global Governance
**Wednesday 20 January**

10.45 - 11.15
Congress Centre - Earth Space

36 earth time-lapse/forests 1

**Earth Time-Lapse: The Future of Forests**

Embark on a visual exploration that reveals the alarming acceleration of deforestation globally in our lifetime. The session features high-resolution satellite images from NASA’s Landsat Program, which provides the longest continuous global record of the Earth’s surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With
Vincent Biruta, Minister of Natural Resources of Rwanda
Matthew C. Hansen, Professor, Department of Geographical Sciences, University of Maryland, USA

10.45 - 11.15
Congress Centre - Transformation Hub

37 transformation hub/international security 1

**Achieving the Sustainable Development Goals: International Security**

Global partnerships are needed to stabilize an increasingly volatile security landscape and foster peaceful, inclusive societies.

Explore in the Transformation Hub how the Sustainable Development Goal of achieving peace, justice and strong institutions can be achieved.

Please arrive early, as space is limited in the Transformation Hub.

Facilitated by
Espen Barth Eide, Head of Geopolitical Affairs, Member of the Managing Board, World Economic Forum

11.15 - 12.00
The Loft -”

360 loft/brain challenge 1

**Davos Brain Challenge**

Test your brain’s abilities and explore how transformational digital services will shift the way we think about brain health and cognitive performance.

The Loft is across from the Congress Centre on the Promenade.

Introduced by
Corinna E. Lathan, Chair of the Board and Chief Executive Officer, AnthroTronix, USA; Young Global Leader; Global Agenda Council on Artificial Intelligence & Robotics
Tan Le, Founder and Chief Executive Officer, Emotiv Lifesciences, USA; Young Global Leader

World Economic Forum Annual Meeting 2016 - Programme
The Virtual Peer

Experience how virtual robotic systems have the potential to provide a range of social services such as therapy or coaching, or to become a friend and confidant.

The Virtual Peer is designed to help students who struggle in traditional classroom settings. Come test how technologies like language recognition software and digital animation are converging to revolutionize the way we teach and learn.

The Loft is across from the Congress Centre on the Promenade.

Introduced by
Justine Cassell, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Global Agenda Council on Artificial Intelligence & Robotics

Issue Briefing: Diversity Barriers in Emerging Markets

Learn in depth about the leadership and personnel challenges of multinational corporations confronted by discriminatory norms and laws against the LGBT community in emerging economies.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

Beth A. Brooke-Marciniak, Global Vice-Chair, Public Policy, EY, USA
Shamina Singh, Executive Director, MasterCard Center for Inclusive Growth, MasterCard, USA; Young Global Leader; Global Agenda Council on India

Moderated by
Oliver Cann, Head of Media Content, World Economic Forum

Installation: Touch Our Future

An introduction to Touch Our Future, the web and mobile interactive art installation by Drue Kataoka, located in The Loft on the Promenade.

Each person's digital rendering of their hand evolves into a tapestry of connected hands that acts as a collective commitment to create the conditions for future generations to thrive.

The Loft is across from the Congress Centre on the Promenade.

Introduced by
Drue Kataoka, Artist, www.Drue.Net, USA; Young Global Leader
Wednesday 20 January

11.30 - 12.00
Congress Centre - Humanitarian Hub

38 humanitarian hub/local markets

Moving beyond the Emergency

How can emergency aid shift towards strengthening local markets and long-term development?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

Located on the Lower Level of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders
Asmaa AbuMezied, Researcher and Advancement Fellow, Internet2, Palestinian Territories; Global Shaper
Elhadj As Sy, Secretary-General, International Federation of Red Cross and Red Crescent Societies (IFRC), Geneva; Global Agenda Council on Humanitarian Response

Facilitated by
Ian Goldin, Professor of Globalization and Development, and Director, Oxford Martin School, University of Oxford, United Kingdom

11.30 - 12.00
Congress Centre - Congress Hall

338 special session/gauck

Hoping for Prosperity: Reflections on Flight and Migration to Europe

Simultaneous interpretation in all languages

This session is webcast live.

Joachim Gauck, President of the Federal Republic of Germany

Chaired by
Klaus Schwab, Founder and Executive Chairman, World Economic Forum

12.00 - 13.00
Congress Centre - Sanada

41 al jazeera/employment

The Promise of Progress

While technology enters its next golden age, the percentage of adults working or looking for work is the lowest in almost 40 years in countries such as the United States. Is the Fourth Industrial Revolution failing the middle class?

This session was developed in partnership with Al Jazeera.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Andrew McAfee, Principal Research Scientist, MIT Initiative on the Digital Economy, Massachusetts Institute of Technology (MIT), USA; Global Agenda Council on the Future of Jobs
Guy Ryder, Director-General, International Labour Organization (ILO), Geneva
Vishal Sikka, Chief Executive Officer and Managing Director, Infosys, USA
Arne Sorenson, President and Chief Executive Officer, Marriott International, USA
Laura D’Andrea Tyson, Professor and Director, Haas School of Business, University of California, Berkeley, USA; Global Agenda Council on Gender Parity

Moderated by
Ali Velshi, Anchor, Al Jazeera America, USA
Wednesday 20 January

12.00 - 13.00
Congress Centre - Aspen 2

42 arirang/artificial intelligence

The State of Artificial Intelligence

How close are technologies to simulating or overtaking human intelligence and what are the implications for industry and society?

This session was developed in partnership with Arirang.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Matthew Grob, Executive Vice-President and Chief Technology Officer, Qualcomm, USA; Global Agenda Council on Artificial Intelligence & Robotics
Andrew Moore, Dean, School of Computer Science, Carnegie Mellon University, USA
Stuart Russell, Professor of Computer Science, University of California, Berkeley, USA; Global Agenda Council on Artificial Intelligence & Robotics
Ya-Qin Zhang, President, Baidu.com, People's Republic of China

Moderated by Connyoung Jennifer Moon, Chief Anchor and Editor-in-Chief, Arirang TV & Radio, Republic of Korea

12.30 - 13.45
Hilton Garden Inn - -

54 refugee experience 2

A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

12.30 - 14.00
Ameron Swiss Mountain Hotel - Campanello

46 cross-border investments

New Dynamics in Cross-Border Investments

What trends and transformations are reshaping cross-border investments?

On the agenda:
- Regional and sectoral M&A trends
- Dispute resolution and investor protection
- Balancing profit and development objectives

Discussion Leaders
Chrststla Frllnd, Minister of International Trade of Canada; Young Global Leader Alumnus
Gao Xiqing, Cheng Yu-tung Chair Professor, School of Law, Tsinghua University, People's Republic of China
Mukhisa Kituyi, Secretary-General, United Nations Conference on Trade and Development (UNCTAD), Geneva
Eduardo Leite, Chairman of the Executive Committee, Baker & McKenzie, USA
Mohammad Agha Nahavandian, Chief of Staff of the Presidency of the Islamic Republic of Iran

Moderated by Yang Yanqing, Deputy Editor-in-Chief and Anchor, China Business News, People's Republic of China
Wednesday 20 January

12.30 - 14.00
Hotel Meierhof - Restaurant

47 digital supply chains

Disrupting Global Supply Chains

As disruptive technologies continue to revolutionize trade and production, how will the internet economy impact supply chains and business models?

On the agenda:
- Influence of “offline to online”
- Impact on inventory and supply-chain management
- Implications for consumer trends and retail decisions

Discussion Leaders
Johan C. Aurik, Global Managing Partner and Chairman of the Board, A.T. Kearney, USA
Francis Gurry, Director-General, World Intellectual Property Organization (WIPO), Geneva; Global Agenda Council on the Creative Economy
Uwe Krüger, Chief Executive Officer, WS Atkins, United Kingdom
Günther H. Oettinger, Commissioner, Digital Economy and Society, European Commission, Brussels
Tarek Sultan Al Essa, Chief Executive Officer and Vice-Chairman of the Board, Agility, Kuwait
Devin Wenig, President and Chief Executive Officer, eBay, USA; Young Global Leader Alumnus

Moderated by
David Kirkpatrick, Chief Executive Officer; Global Agenda Council on the Future of IT Software & Services

12.30 - 14.00
Morosani Schweizerhof - Arvenstube

48 european markets

European Markets in 2016

How will markets in Europe respond to a new global financial context?

On the agenda:
- Divergent FED and ECB monetary policies
- Exposure to EM corporate and sovereign debt
- Initiatives for banking and capital market union

With
Calvin Chi Kin Choi, President, China Minsheng Investment Corp (Hong Kong), Hong Kong SAR

Discussion Leaders
Ding Yuan, Vice-President and Dean, China Europe International Business School (CEIBS), People’s Republic of China
Douglas Flint, Group Chairman, HSBC Holdings, United Kingdom
Werner Hoyer, President, European Investment Bank (EIB), Luxembourg; Global Agenda Council on Competitiveness
Hélène Rey, Professor of Economics, London Business School, United Kingdom; Global Agenda Council on Global Economic Imbalances
Mehmet Simsek, Deputy Prime Minister of Turkey

Moderated by
Lutfey Siddiqi, Global Head, Emerging Markets, FX, Rates and Credit, UBS Investment Bank, United Kingdom; Young Global Leader; Global Agenda Council on the Future of Financing & Capital

12.30 - 14.00
Ameron Swiss Mountain Hotel - Promenade

49 future activism

The Changing Face of Activism

From the promise of digital activism to the prophecies of Silicon Valley tech corporations, are civil society organizations losing their base?

On the agenda:
- Scoping allies and competitors of organized civil society
- Innovative financing and engagement models
- Navigating adverse political environments

Discussion Leaders
Zachary Bookman, Chief Executive Officer, OpenGov, USA
Winnie Byanyima, Executive Director, Oxfam International, United Kingdom
Jeremy Heimans, Co-Founder and Chief Executive Officer, Purpose, USA; Young Global Leader; Global Agenda Council on Civic Participation
Salil Shetty, Secretary-General, Amnesty International, United Kingdom; Global Agenda Council on Civic Participation
Amira Yahyaoui, Founder and Chair, Al Bawsala, Tunisia; Co-Chair of the World Economic Forum Annual Meeting 2016; Global Shaper

Moderated by
Nik Gowing, International Broadcaster, King’s College London, United Kingdom; Global Agenda Council on Geo-economics
**Health Is the Bottom Line**

With investments in a healthy workforce showing large and quantifiable returns in terms of motivation, well-being and productivity, do leading enterprises need a "chief health officer"?

On the agenda:
- Shifting from well-being to health improvement
- Measuring the impact of health on performance
- Embedding health in corporate strategies

**Designing Healthy Diets**

How can the design of healthy and nutritious diets be placed at the centre of global food systems?

On the agenda:
- Innovating for healthier food
- Empowering smarter consumers
- Unlocking better business models

The menu has been specially designed with ingredients that would otherwise go to waste for various reasons, but not because they are inedible.

**Will Science Save Us?**

How can we accelerate scientific breakthroughs that address society’s greatest challenges?

This lunch is hosted in collaboration with Nature Publishing Group.

**Discussion Leaders**

Kees Aarts, Chief Executive Officer, Protix Biosystems, Netherlands

Ertharin Cousin, Executive Director, United Nations World Food Programme (WFP), Rome; Global Agenda Council on Food & Nutrition Security

Shenggen Fan, Director-General, International Food Policy Research Institute (IFPRI), USA; Global Agenda Council on Food & Nutrition Security

Kirsten Saenz Tobey, Co-Founder and Chief Impact Officer, Revolution Foods, USA; Social Entrepreneur

Jaidev R. Shroff, Chief Executive Officer, UPL, India

**Moderated by**

Philip Campbell, Editor-in-Chief, Nature Magazine, United Kingdom; Global Agenda Council on Mental Health
**Forum Debate: The End of Political Consensus**

From Europe to the United States, the extremes of the political spectrum are the main benefactors of rising social, economic and geopolitical tensions. Can the erosion of the political centre be halted?

This session is part of the Forum Debate series on today’s dilemmas in economics, politics and society. It was developed in partnership with Politico.

**Discussion Leaders**
- José Manuel Barroso, President of the European Commission (2004-2014), Brussels; Global Agenda Council on the Future of Regional Organizations
- Niall Ferguson, Laurence A. Tisch Professor of History, Harvard University, USA
- John W. Hickenlooper, Governor of Colorado, USA
- Pierre Moscovici, Commissioner, Economic and Financial Affairs, Taxation and Customs, European Commission, Brussels
- Moisés Naim, Distinguished Fellow, Carnegie Endowment for International Peace, USA; Global Agenda Council on Geo-economics
- Safak Pavey, Member of Parliament, Turkey; Young Global Leader
- Pierre Moscovici, Commissioner, Economic and Financial Affairs, Taxation and Customs, European Commission, Brussels
- Moisés Naim, Distinguished Fellow, Carnegie Endowment for International Peace, USA; Global Agenda Council on Geo-economics
- Safak Pavey, Member of Parliament, Turkey; Young Global Leader

**Moderated by**
- Susan Glasser, Editor, Politico, USA; Global Agenda Council on the United States

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**The Unicorn Effect**

The number of billion-dollar valuations has risen sharply, while fast-growing start-ups are staying private longer. What are billion-dollar start-ups doing to the marketplace?

On the agenda:
- Shifting IPO incentives
- Public-market investors in private companies
- Growth vs revenue as metrics for value

**Discussion Leaders**
- Edward Bailey, Chief Executive Officer; Founder and Chairman, Dataminr, USA
- Thomas Farley, President, NYSE, USA
- Taavet Hinrikus, Chief Executive Officer, TransferWise, United Kingdom
- Joe Schoendorf, Partner, Accel Partners, USA; World Economic Forum USA Foundation Board Member
- Mike Stankey, Vice-Chairman, Workday, USA

**Moderated by**
- Rebecca Blumenstein, Deputy Editor-in-Chief, Wall Street Journal, USA

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**Earth Time-Lapse: The Race for Resources**

Embark on a visual exploration that reveals humanity's accelerating use of resources in our lifetime. The session features high-resolution satellite images from NASA's Landsat programme, which provides the longest continuous global record of the Earth's surface.

**Located on the Lower Level of the Congress Centre, opposite the Plenary Bar**

Please arrive early, as seating is limited in the Earth Space.

**With**
- William McDonough, Consulting Professor of Civil and Environmental Engineering, Stanford University, USA; Meta-Council on the Circular Economy
- Randy Sargent, Senior Systems Scientist, Carnegie Mellon University, USA
**Virtual Reality: Collisions**

Join a group experience of the virtual reality film, *Collisions*. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

*Collisions* is by acclaimed artist Lynette Wallworth, in partnership with Nyarri Morgan, an indigenous elder and artist. It is supported by the World Economic Forum, Sundance Institute and Ford Foundation, in partnership with Jaunt VR.

You can also experience the film on your own and at your own pace outside of scheduled session times.

**Located on the Middle Level of the Congress Centre**

Please arrive early, as seating is limited in the Virtual Reality Space.

**With Lynette Wallworth, Artist, Studio Wallworth, Australia**

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**Making Music across Borders with Yo-Yo Ma**

Celebrated musician Yo-Yo Ma brings together a world-class ensemble of musicians from a range of traditions for a musical demonstration that explores intercultural dialogue in music and everyday life. Please join us for this once-in-a-lifetime musical experience at the start of the Open Forum 2016.

Yo-Yo Ma is joined by Sérgio and Odair Assad (Brazil), Sandeep Das (India), Johnny Gandelsman (USA), Cristina Pato (Spain), Kathryn Stott (UK) and Wu Tong (China).

**Simultaneous interpretation in English and German**

**This session is webcast live.**

**With Yo-Yo Ma, Cellist, USA**

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**An Insight, An Idea with Yao Chen**

A conversation with actress and Crystal Award recipient Yao Chen on using social media to humanize the refugee crisis

**Simultaneous interpretation in English and Mandarin Chinese**

**This session is webcast live.**

**Yao Chen, Actress, Beijing Chen Xin Culture and Art Studio, People's Republic of China**

**Interviewed by Wei Tian, Moderator and Host, CCTV News, China Central Television, People's Republic of China**
Wednesday 20 January

14.00 - 14.30
Congress Centre - Congress Hall

374 special session/iran

Next Steps for Iran and the World

As sanctions are lifted in the context of the Vienna nuclear agreement, what is the outlook for Iran, the region and international stakeholders?

Simultaneous interpretation in all languages

This session is webcast live.

Mohammad Agha Nahavandian, Chief of Staff of the Presidency of the Islamic Republic of Iran
Javad Zarif, Minister of Foreign Affairs of the Islamic Republic of Iran

Chaired by
Philipp Rösler, Head of the Centre for Regional Strategies, Member of the Managing Board, World Economic Forum

14.15 - 15.30
Congress Centre - Wisshorn xChange

61 institutional/cities

Fostering Innovation in Cities

Accommodating almost half the world's population, cities have become both the primary engine of economic and political activity and the driver of complex societal and environmental challenges. How do we build physically, recreationally and socially resilient cities?

This session is for Forum Members and Partners active or interested in the Future of Urban Development and Services and the Future of Construction projects.

Niels B. Christiansen, President and Chief Executive Officer, Danfoss, Denmark
Ajit Gulabchand, Chairman and Managing Director, Hindustan Construction Company, India
Rosanne Haggerty, President and Chief Executive Officer, Community Solutions, USA; Social Entrepreneur
Gregory Hodkinson, Chairman, Arup Group, United Kingdom
Fahd Al Rasheed, Chief Executive Officer, King Abdullah Economic City, Saudi Arabia; Young Global Leader

With
Federico Gutiérrez, Mayor of Medellín, Office of the Mayor of Medellín, Colombia
Vitaliy Kliutschko, Mayor of Kyiv, Ukraine
Naheed Nenshi, Mayor of Calgary, Canada; Young Global Leader
Park Won-Soon, Mayor of Seoul, Republic of Korea
Jonathan Reckford, Chief Executive Officer, Habitat for Humanity International (HHF), USA
Ren Xuefeng, Party Secretary, CPC Guangzhou Municipal Committee, People's Republic of China

Facilitated by
Carlo Ratti, Director, SENSEable City Laboratory, MIT - Department of Urban Studies and Planning, USA; Global Agenda Council on the Future of Cities

14.15 - 15.30
Congress Centre - Jakobshorn

62 institutional/fintech

The Fintech Revolution

New technologies, new entrants and rapidly evolving customer expectations are reshaping the evolution of the financial services ecosystem. How can financial institutions unlock the high-potential opportunities that are critical conditions for their success?

This session is for Forum Members and Partners active or interested in the Disruptive Innovation for Financial Services project.

Introduced by
Giancarlo Bruno, Head of Financial Services Industries, Member of the Executive Committee, World Economic Forum USA
Inga Beale, Chief Executive Officer, Lloyd's, United Kingdom
David Craig, President, Financial and Risk, Thomson Reuters, United Kingdom
Ralph Hamers, Chief Executive Officer, ING Group, Netherlands
Gottfried Leibbrandt, Chief Executive Officer, SWIFT, Belgium
Ryan McInerney, President, Visa, USA
Greg Medcraft, Chairman, International Organization of Securities Commissions (IOSCO), Sydney

Facilitated by
Ngaire Woods, Dean, Blavatnik School of Government, University of Oxford, United Kingdom; Global Agenda Council on Global Governance
Wednesday 20 January

14.15 - 15.15
Congress Centre - Parsenn

60 climate resilience

Climate Resilience

How can government and business prepare for growing climate risks?

On the agenda:
- Weakened networks of infrastructure
- Volatility of water quality and supply
- Vulnerability of food supply chains

Helen E. Clark, Administrator, United Nations Development Programme (UNDP), New York
Hugh Grant, Chairman and Chief Executive Officer, Monsanto Company, USA
Michel M. Liès, Group Chief Executive Officer, Swiss Re, Switzerland
Ratul Puri, Chairman, Hindustan Powerprojects (Hindustan Power), India
Johan Rockström, Executive Director, Stockholm Resilience Centre, Sweden

Moderated by
Dominic Kailash Nath Waughray, Head of Public-Private Partnership, Member of the Executive Committee, World Economic Forum

14.15 - 15.15
Congress Centre - Pischa

85 transformation/east asia

Regions in Transformation: East Asia

Join a dialogue on the global trends and national priorities that are affecting the future of the region.

Transformations to be addressed:
- Latest impact of TPP and RCEP agreements
- Moving towards value chain upgrade
- National, political, and economic reform agendas

Choi Kyung-Hwan, Special Envoy of the President, Korean National Assembly, Republic of Korea
Hideaki Omiya, Chairman of the Board, Mitsubishi Heavy Industries, Japan
Adam Posen, President, Peterson Institute for International Economics, USA; Global Agenda Council on Global Economic Imbalances
Wu Xinbo, Executive Dean, Institute of International Studies, Fudan University, People's Republic of China; Global Agenda Council on Geo-economics
Francis Yeoh Sock Ping, Managing Director, YTL Corporation, Malaysia

Moderated by
Kevin Rudd, President, Asia Society Policy Institute, Australia; Global Agenda Council on China

14.15 - 15.15
Congress Centre - Aspen 1

59 caixin/business context

China's Business Context

What does China’s "new normal" mean for local and foreign businesses?

On the agenda:
- Increasing competitiveness and agility in partnerships and models
- Expanding joint ventures with foreign stakeholders
- Improving for a simplified procedure and stable capital flow

This session was developed in partnership with Caixin Media.

Simultaneous interpretation in English and Mandarin Chinese

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Nouriel Roubini, Professor of Economics and International Business, Leonard N. Stern School of Business, New York University, USA
Shi Wenchao, President, China UnionPay, People’s Republic of China
Zhang Fangyou, Chairman, Guangzhou Automobile Industry Group, People’s Republic of China
Zhang Weiying, Sinar Mas Chair Professor of Economics, National School of Development, Peking University, People’s Republic of China
Zhang Yichen, Chairman and Chief Executive Officer, CITIC Capital, Hong Kong SAR

Moderated by
Hu Shuli, Editor-in-Chief, Caixin Media, People’s Republic of China
Wednesday 20 January

14.15 - 15.15
Congress Centre - Aspen 2

63 nhk/future work

A World without Work?

How will rapid technological progress and the prospect of longer, healthier lives revolutionize work?

This session was developed in partnership with NHK.

Simultaneous interpretation in English and Japanese

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Erik Brynjolfsson, Director, MIT Initiative on the Digital Economy, MIT - Sloan School of Management, USA; Global Agenda Council on the Future of IT Software & Services

Yoshiaki Fujimori, President and Chief Executive Officer, LIXIL Group, Japan

Dileep George, Co-Founder and Chief Technology Officer, Vicarious, USA

Christopher Pissarides, Regius Professor of Economics, London School of Economics and Political Science, United Kingdom; Global Agenda Council on New Growth Models

Troels Lund Poulsen, Minister for Business and Growth of Denmark

Moderated by

Hiroko Kuniya, Anchor, NHK (Japan Broadcasting Corporation), Japan; Global Agenda Council on Japan

14.30 - 15.30
Congress Centre - Seehorn Arena

70 precision medicine

The Promise of Precision Medicine

How are genomics, big data, regenerative medicine and new bio-pharma ventures revolutionizing the way we prevent and treat disease?

On the agenda:
- Understanding the disease context of each individual
- Harnessing big data to tailor therapy and prevention
- Overcoming obstacles to bring precision medicine to scale

This session is televised and will be available on the World Economic Forum website at a later date.

Victor Dzau, President, National Academy of Medicine, USA; Global Agenda Council on the Future of the Health Sector

Kathy Hudson, Deputy Director, Science, Outreach and Policy, National Institutes of Health, USA

Steve Rusckowski, President and Chief Executive Officer, Quest Diagnostics, USA

Peer M. Schatz, Chief Executive Officer, QIAGEN, Germany; Global Agenda Council on the Future of the Health Sector

Moderated by

Tan Chorh Chuan, President, National University of Singapore, Singapore; Global Agenda Council on the Future of Jobs

14.30 - 15.30
Congress Centre - Schwarzhorn BetaZone

66 betazone/archaeological discoveries

Incredible Archaeological Discoveries

Explore what recent archaeological discoveries – such as the Göbekli Tepe site in Turkey– can teach us about the rise and fall of civilizations.

This session is filmed and will be available on the World Economic Forum website at a later date.

Ian Morris, Willard Professor of Classics; Professor of History, Stanford University, USA

Mehmet Ozdogan, Archaeologist, Istanbul University, Turkey

Moderated by

Susan Goldberg, Editor-in-Chief, National Geographic Magazine, USA
Wednesday 20 January

14.30 - 15.45
Congress Centre - Flüela IdeasLab

Materials of the Future: The Imperial College London IdeasLab

How are advances in materials science paving the way for novel products and new industries?

Discover and debate in the IdeasLab:
Idea 1: Engineering crystals for better telecommunications
Idea 2: Holistic heat management
Idea 3: Plastics that can manipulate light
Idea 4: Computational simulations of tomorrow’s materials

This session is filmed and will be available on the World Economic Forum website at a later date.

Introduced by
Alice Gast, President, Imperial College London, United Kingdom

Discussion Leaders
Neil Alford, Vice-Dean for Research, Faculty of Engineering, Imperial College London, United Kingdom
Robin Grimes, Professor of Materials Physics, Imperial College London, United Kingdom
Mary Ryan, Professor of Materials Science and Nanotechnology, Imperial College London, United Kingdom
Natalie Stingelin, Professor of Functional Organic Materials, Imperial College London, United Kingdom

Facilitated by
Joe Palca, Science Correspondent, NPR, USA

14.30 - 15.45
The Loft - Loft IdeasLab

The Neural Basis of Decision-Making: The Stanford University IdeasLab

How is brain research revealing the mysteries of decision-making?

Idea 1: Molecular mechanisms of reward and aversion
Idea 2: Applying neuroscientific findings to enduring social problems
Idea 3: Neuro-forecasting internet market success
Idea 4: Looking to ants to better understand collective behaviour

The Loft is across from the Congress Centre on Promenade.

Discussion Leaders
Deborah M. Gordon, Professor of Biology, Stanford University, USA
Keith Humphreys, Professor of Psychiatry and Behavioural Sciences, Stanford University, USA
Brian Knutson, Associate Professor of Psychology and Neuroscience, Stanford University, USA
Robert Malenka, Professor of Psychiatry and Behavioural Sciences, Stanford University, USA

Facilitated by
Francis S. Collins, Director, National Institutes of Health, USA; Global Agenda Council on the Future of the Health Sector

14.30 - 15.00
Congress Centre - Sertig

A Journey of Discovery with John O'Keefe

John O'Keefe discovered the “inner GPS” that enables our brains to navigate the world, for which he was awarded the 2014 Nobel Prize. His work since then has opened new avenues of research into cognitive processes such as memory and thinking. Join this session to learn from his journey of profound discovery.

John O'Keefe, Director, Sainsbury Wellcome Centre; Director, Department of Cell and Developmental Biology, University College London (UCL), United Kingdom

Interviewed by
Mariette DiChristina, Editor-in-Chief, Scientific American, USA; Meta-Council on Emerging Technologies

World Economic Forum Annual Meeting 2016 - Programme 27
Wednesday 20 January

14.30 - 17.00
Rinerhorn Mountain - Base Camp

65 base camp/solar impulse 1

Achieving the Impossible

Swiss explorers André Borschberg and Bertrand Piccard built the first solar airplane that set the record for the longest solo flight of five days and five nights. The pilots of Solar Impulse will share their story of the pioneering round-the-world flight to encourage leaders to cultivate an innovative mindset that embraces high-stake, high-reward risks.

Enhance your performance potential on this alpine retreat at the Forum’s Base Camp on nearby Rinerhorn Mountain.

Transport Information
The shuttle for the Base Camp will leave at 13.45 from the Forum Shuttle Hub. Please be there 10 minutes ahead of time. After a 20-minute drive, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle will leave at 17.20 from the bottom of the Rinerhorn and arrives at the Congress Centre at around 17.50.

With
André Borschberg, Co-Founder, Chief Executive Officer and Pilot, Solar Impulse, Switzerland
Bertrand Piccard, Initiator; Chairman and Pilot, Solar Impulse, Switzerland

Facilitated by
Linda A. Hill, Professor of Business Administration, Harvard Business School, USA
Maurizio Travaglini, Founder and Chief Executive Officer, Architects of Group Genius, Italy

14.30 - 15.30
Congress Centre - Sanada

73 wsj/global growth

The Growth Illusion

Have central banks broken the link between financial markets and the real economy?
This session was developed in partnership with The Wall Street Journal.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Mary Callahan Erdoes, Chief Executive Officer, Asset Management, JPMorgan Chase & Co., USA
Raghuram G. Rajan, Governor of the Reserve Bank of India
Anthony Scaramucci, Founder and Co-Managing Partner, SkyBridge Capital, USA
Axel A. Weber, Chairman of the Board of Directors, UBS Group, Switzerland

Moderated by
Thorold Barker, Editor, Europe, Middle East and Africa, Wall Street Journal, United Kingdom

14.30 - 15.15
The Loft - Loft BetaZone

71 thinking ahead/digital

Securing Our Digital Future

How is the digital revolution affecting how we consume, learn and address upcoming challenges?

New Champions give three short talks on our digital future:
- Addressing challenges to secure digital currencies
- Leveraging digital disruptions to reshape education for social inclusion
- Using powerful computational tools to tackle the world’s biggest challenges

The Loft is across from the Congress Centre on Promenade.

With
Julia Bossmann, Founder, Synthetic Insights, USA; Global Shaper
Brian Forde, Director, Digital Currency, Massachusetts Institute of Technology (MIT) Media Laboratory, USA; Young Global Leader
Janet Longmore, Founder and Chief Executive Officer, Digital Opportunity Trust (DOT), Canada; Social Entrepreneur; Global Agenda Council on Emerging Multinationals

Facilitated by
danah boyd, Principal Researcher, Microsoft Corporation, USA; Young Global Leader
**Wednesday 20 January**

**14.45 - 15.15**
Congress Centre - Earth Space

**74 earth time-lapse/climate 1**

**Earth Time-Lapse: The Climate Crisis**

Embark on a visual exploration that reveals the accelerating effects of climate change in our lifetime. The session features high-resolution satellite images from NASA’s Landsat Program, which provides the longest continuous global record of the Earth's surface.

**Located on the Lower Level of the Congress Centre, opposite the Plenary Bar**

Please arrive early, as seating is limited in the Earth Space.

With
Naomi Oreskes, Professor of the History of Science, Harvard University, USA
Lord Nicholas Stern, President, The British Academy, United Kingdom

**14.45 - 15.45**
Media Village - Issue Briefing Room

**44 shaping davos 1**

**Creating 75 Million Entrepreneurs: Is this Possible?**

The UN estimates that 75 million young people are unemployed globally, with the vast majority relying on small enterprises to join the workforce. What measures can be taken to encourage and support younger entrepreneurs?

On the agenda:
- Cultivating an entrepreneurial mindset at an early age
- Redefining risk in career progression for young people
- Building entrepreneurial ecosystems

Global Shapers communities in Accra, Muscat, Al-Khobar and Ahmedabad will join the discussion online.

**The Issue Briefing room is located in the Media Village.**

This session is webcast live.

John Harthorne, Founder and Chief Executive Officer, MassChallenge, USA; Young Global Leader
Edward Thai, Venture Partner, 500 Startups, USA; Global Shaper

**Moderated by**
Nik Gowing, International Broadcaster, King's College London, United Kingdom; Global Agenda Council on Geo-economics

**14.45 - 15.15**
Congress Centre - Humanitarian Hub

**308 humanitarian hub/finance**

**Resourcing Humanitarian Response**

How can new resources and more efficient networks boost humanitarian action?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

**Located on the Lower Level of the Congress Centre**

Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders
Badr Jafar, Chief Executive Officer, Crescent Enterprises, United Arab Emirates; Young Global Leader; Global Agenda Council on the Future of Oil & Gas
Stephen O'Brien, Undersecretary-General for Humanitarian Affairs and Emergency Relief Coordinator, United Nations Office for the Coordination of Humanitarian Affairs (OCHA), New York

Facilitated by
Anna Macdonald, Director, Secretariat, Control Arms, USA
Achieving the Sustainable Development Goals: Hunger and Food Security

A profound change in the global food and agriculture system is needed if we are to nourish today’s 7.95 million hungry and the additional 2 billion people expected by 2050.

Explore in the Transformation Hub how the Sustainable Development Goal of ending hunger and ensuring food security can be achieved.

Please arrive early, as space is limited in the Transformation Hub.

Presented by Shenggen Fan, Director-General, International Food Policy Research Institute (IFPRI), USA; Global Agenda Council on Food & Nutrition Security

Virtual Reality: Collisions

Join a group experience of the virtual reality film, Collisions. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

Collisions is by acclaimed artist Lynette Wallworth, in partnership with Nyarri Morgan, an indigenous elder and artist. It is supported by the World Economic Forum, Sundance Institute and Ford Foundation, in partnership with Jaunt VR.

You can also experience the film on your own and at your own pace outside of scheduled session times.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With Lynette Wallworth, Artist, Studio Wallworth, Australia

The Canadian Opportunity

Simultaneous interpretation in all languages

This session is webcast live.

Introduced by Klaus Schwab, Founder and Executive Chairman, World Economic Forum

Justin Trudeau, Prime Minister of Canada

Chaired by Fareed Zakaria, Anchor, CNN International, USA
**Wednesday 20 January**

**15.30 - 16.00**
Congress Centre - Robot Space

**81 meet the robot 2**

**Meet the Robot**

Discover how advanced robotics will transform disaster response, with the Korea Advanced Institute of Science and Technology (KAIST), 2015 DARPA Robotics Challenge winner and developer of HUBO, a multifunctional walking humanoid robot.

**Located on the Lower Level of the Congress Centre, next to the Information and Sign Up Desk**

**With**
Oh Jun-Ho, Professor, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea

**15.30 - 16.15**
Congress Centre - Sertig

**80 future human capital**

**The Brain at Work**

How can new insights from neuroscience improve productivity and performance?

Join an in-depth discussion that explores how today’s neurosciences could trigger societal transformation.

**Aki Hintsa**, Founder, Orthopaedic and Trauma Surgeon, Hintsa Performance, Switzerland

**Arianna Huffington**, President and Editor-in-Chief, Huffington Post Media Group, USA

**Moderated by**

**P. Murall Doraíswamy**, Professor of Psychiatry and Medicine; Director, Neurocognitive Disorders Program, Duke Institute for Brain Sciences (DIBS), USA; Global Agenda Council on Brain Research

**15.45 - 16.15**
Congress Centre - Exhibition Space

**83 this time tomorrow 1**

**Exhibition: This Time Tomorrow**

An introduction to the exhibition *This Time Tomorrow*, featuring designs ranging from the infinitesimal scale of DNA to the distant horizon of outer space that form a landscape of clues about the world of tomorrow.

**This Time Tomorrow** is a special collaboration between the Victoria and Albert Museum and the World Economic Forum.

**Please meet inside the main entrance of the Congress Centre.**

**Introduced by**

**Martin Roth**, Director, Victoria and Albert Museum, United Kingdom
15.45 - 16.45
Congress Centre - Pischa

64 transformation/latin america

Regions in Transformation: Latin America

Join a dialogue on the global trends and national priorities that are affecting the future of the region.

Transformations to be addressed:
- Beginning of a post-commodity era
- Influence of political change
- Developing a positive business environment

Simultaneous interpretation in English and Spanish

Federico Gutiérrez, Mayor of Medellín, Office of the Mayor of Medellín, Colombia
Susana Malcorra, Minister of Foreign Affairs of Argentina
Romulo de Mello Dias, Chief Executive Officer, Empresas Polar, Venezuela; Young Global Leader
Lorenzo A. Mendoza, Chief Executive Officer, Empresas Polar, Venezuela; Young Global Leader
Alejandro Ramírez, Chief Executive Officer, Cinepolis, Mexico; Young Global Leader

Moderated by
Alicia Bárcena Ibarra, Executive Secretary, United Nations Economic Commission for Latin America and the Caribbean (ECLAC), Santiago; Global Agenda Council on Latin America

15.45 - 16.45
Congress Centre - Parsenn

84 trans-pacific partnership

The New Trade Frontier: Trans-Pacific Partnership

How will the largest free trade area to date affect global economic growth and cooperation on trade?

On the agenda:
- Impact on regional cooperation and integration
- Opportunities for services, investment and the digital economy
- Uncertainties on behind-the-border regulatory issues

John J. Danilovich, Secretary-General, International Chamber of Commerce (ICC), France
Li Daokui, Dean, Schwarzman Scholars, Tsinghua University, People’s Republic of China; Global Agenda Council on Global Economic Imbalances
Mustapa Mohamed, Minister of International Trade and Industry of Malaysia
Magali Silva, Minister of Foreign Trade and Tourism of Peru; Global Agenda Council on the Future of Travel & Tourism
Joseph E. Stiglitz, Professor, School of International and Public Affairs (SIPA), Columbia University, USA

Moderated by
Thomas L. Friedman, Columnist, Foreign Affairs, New York Times, USA

15.45 - 16.45
Congress Centre - Congress Hall

82 humanitarian imperative

The Humanitarian Imperative: A Global, Regional and Industry Response

Armed conflict, natural disaster and extreme poverty are producing record numbers of international refugees, internally displaced persons and economic migrants. How can government, industry and civil society work together to respond to the growing crisis?

Simultaneous interpretation in all languages

This session is webcast live.

Alexander De Croo, Deputy Prime Minister and Minister of Development Cooperation, the Digital Agenda, Telecommunications and Postal Services of Belgium; Young Global Leader; Global Agenda Council on Europe
Peter Maurer, President, International Committee of the Red Cross (ICRC), Geneva; Global Agenda Council on Fragility, Violence & Conflict
Rania Al Abdullah, Queen of the Hashemite Kingdom of Jordan
Mehmet Simsek, Deputy Prime Minister of Turkey
Hamdi Ulukaya, Chief Executive Officer, Chobani, USA

Chaired by
Philipp Rösler, Head of the Centre for Regional Strategies, Member of the Managing Board, World Economic Forum
**Wednesday 20 January**

**16.00 - 16.45**
Congress Centre - Schwarzhorn BetaZone

86 betazone/cancer

**The Human Face of Cancer**

Join photographer Mauro Fiorese and physician Jeffrey Drazen for an exploration of daily life with cancer.

This session will be filmed and will be available on the World Economic Forum website at a later date.

Mauro Fiorese, Photographer, Mauro Fiorese Fine-Art Photography, Italy

Moderated by
Jeffrey M. Drazen, Editor-in-Chief, The New England Journal of Medicine, USA

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**16.00 - 17.00**
The Loft - Loft BetaZone

88 loft/betazone bio design

**Bio-Inspired Design**

Explore with award-winning designer and architect Neri Oxman how biology and technology combine into new material ecosystems that both mimic and redefine nature, and their transformative effect on industrial design.

The Loft is across from the Congress Centre on Promenade.

Neri Oxman, Associate Professor of Media Arts and Sciences, Massachusetts Institute of Technology (MIT) Media Laboratory, USA

Moderated by
Paola Antonelli, Senior Curator, Architecture and Design; Director, Research and Development, Museum of Modern Art, USA

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**16.00 - 17.15**
Congress Centre - Wisshorn xChange

87 institutional/business risk

**The Global Risk Imperative**

Global businesses operate in an increasingly complex ecosystem where risks are interdependent across sectors and stakeholders. How can companies partner to build their resilience capabilities in the face of rising global risks?

Session objectives:
- Assess climate change and water scarcity
- Examine refugee and security crises
- Explore systemic cyber-threats

This session is for Forum Members and Partners active or interested in the Forum’s work on Global Risks.

Introduced by
Margareta Drzeniek-Hanouz, Head of Global Competitiveness and Risks, World Economic Forum

With
William Lacy Swing, Director-General, International Organization for Migration (IOM), Geneva

Discussion Leaders
Mazen S. Darwazeh, Executive Vice-Chairman; President; Chief Executive Officer, Middle East and North Africa and Emerging Markets, Hikma Pharmaceuticals, Jordan
Carlos Moreira, Chairman, Chief Executive Officer and Founder, WISeKey, Switzerland;
Global Agenda Council on the Future of IT Software & Services
Stephen O’Brien, Undersecretary-General for Humanitarian Affairs and Emergency Relief Coordinator, United Nations Office for the Coordination of Humanitarian Affairs (OCHA), New York
Johan Rockström, Executive Director, Stockholm Resilience Centre, Sweden
Sandra Wu Wen-Hsiu, Chairperson and Chief Executive Officer, Kokusai Kogyo, Japan;
Global Agenda Council on Infrastructure

Facilitated by
Kirstjen Nielsen, President, Sunesis Consulting, USA; Global Agenda Council on Risk & Resilience
Wednesday 20 January

16.15 - 16.45
Congress Centre - Earth Space

90 earth time-lapse/industrialization 1

Earth Time-Lapse: The Industrialization Impasse

Embark on a visual exploration that reveals unprecedented urbanization and industrialization in our lifetime. The session features high-resolution satellite images from NASA’s Landsat Program, which provides the longest continuous global record of the Earth’s surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With
Ian Morris, Willard Professor of Classics; Professor of History, Stanford University, USA
Illah Nourbakhsh, Professor, Robotics Institute, Carnegie Mellon University, USA

16.15 - 17.30
Hilton Garden Inn - -

93 refugee experience 3

A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

16.15 - 17.30
Congress Centre - Flüela IdeasLab

91 ideaslab/cambridge

Carbon Reduction Technologies: The University of Cambridge IdeasLab

How will breakthroughs in carbon reduction technologies transform industries?

Discover and debate in the IdeasLab:
Idea 1: Decarbonizing industrial-scale processes using virtual avatars
Idea 2: Self-healing concrete for low-carbon infrastructure
Idea 3: Improving solar materials efficiency using quantum mechanics
Idea 4: Quantum materials for zero-loss transmission of electricity

This session is filmed and will be available on the World Economic Forum website at a later date.

Introduced by
Sir Leszek Borysiewicz, Vice-Chancellor, University of Cambridge, United Kingdom

Discussion Leaders
Richard Friend, Cavendish Professor and Head of the Optoelectronics Group, University of Cambridge, United Kingdom
Markus Kraft, Executive Director, Singapore-Cambridge CREATE Research Centre; Professor, Department of Chemical Engineering and Biotechnology, University of Cambridge, United Kingdom; Global Agenda Council on Nanotechnology
Suchitra Sebastian, University Lecturer, Department of Physics, Cavendish Laboratory, University of Cambridge, United Kingdom; Young Scientist
Abir Al-Tabbaa, Professor of Civil and Environmental Engineering, University of Cambridge, United Kingdom

Facilitated by
Philip Campbell, Editor-in-Chief, Nature Magazine, United Kingdom; Global Agenda Council on Mental Health
The Transformation of Finance

What trends and uncertainties are shaping the future of financial services?

Transformations to be addressed:
- Digitization and new business models
- Regulatory requirements and new client needs
- Data privacy and systemic connectedness

Simultaneous interpretation in English and Mandarin Chinese

This session is webcast live.

John Cryan, Co-Chief Executive Officer, Deutsche Bank, Germany
James P. Gorman, Chairman and Chief Executive Officer, Morgan Stanley, USA
Christine Lagarde, Managing Director, International Monetary Fund (IMF), Washington DC
Dan Schulman, Chief Executive Officer, PayPal, USA
Tom de Swaan, Chairman of the Board and Group Chief Executive Officer ad Interim, Zurich Insurance Group, Switzerland

Moderated by
Gillian R. Tett, Managing Editor, US, Financial Times, USA

Issue Briefing: South Africa’s Economic Outlook

Learn in-depth about South Africa’s economic prospects and challenges for the year ahead.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

Pravin Gordhan, Minister of Finance of South Africa

Moderated by
Oliver Cann, Head of Media Content, World Economic Forum

India and the World

In an era of digitization, how can India be a global resource for innovation, growth and talent?

This session was developed in partnership with NDTV.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

John T. Chambers, Executive Chairman, Cisco, USA
Arun Jaitley, Minister of Finance, Corporate Affairs and Information and Broadcasting of India
Sunil Bharti Mittal, Chairman, Bharti Enterprises, India
Nouriel Roubini, Professor of Economics and International Business, Leonard N. Stern School of Business, New York University, USA

Moderated by
Vikram Chandra, Presenter and Editor, New Delhi Television (NDTV), India
Wednesday 20 January

16.15 - 17.15
Congress Centre - Aspen 2

95 time/longevity

What If: You Are Still Alive in 2100?

From reversing the effects of aging on the brain and editing genetic diseases to artificial intelligence and downloading thoughts and memories, scientists are pushing the boundaries of the human lifespan. What would be the impact on life, love and work if you could live to 150 (or forever)?

Join an in-depth discussion that explores the possible, plausible and probable impacts of significantly extended lifespans.

This session was developed in partnership with TIME.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Elizabeth Blackburn, President, Salk Institute for Biological Studies, USA
Thomas DeRosa, Chief Executive Officer, Welltower, USA
Lynda Gratton, Professor of Management Practice, London Business School, United Kingdom
Derek Yach, Chief Health Officer, Vitality, USA; Global Agenda Council on Ageing

Moderated by
Nancy Gibbs, Managing Editor, Time Magazine, USA

16.15 - 16.45
Congress Centre - Virtual Reality Space

94 special screening/clouds over sidra 1

Clouds Over Sidra

Join a special screening of this virtual-reality experience to embark on an immersive journey into the daily life of Sidra, a young Syrian girl living in a refugee camp in Jordan.

Clouds Over Sidra was commissioned by the United Nations and created by Gabo Arora and Chris Milk.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With
Gabo Arora, Filmmaker and Senior Advisor, United Nations Development Programme (UNDP), USA

16.30 - 17.30
Congress Centre - Seehorn Arena

97 internet fragmentation

Internet without Borders

A thriving and open internet provides the foundation for tomorrow's global economy. How can this be protected?

On the Agenda:
- Addressing policies undermining a cohesive internet model
- Engaging the global internet community
- Creating adaptive solutions through public-private cooperation

This session is filmed and will be available on the World Economic Forum website at a later date.

Introduced by
Richard Samans, Head of the Centre for the Global Agenda, Member of the Managing Board, World Economic Forum
José María Álvarez-Pallete, Chief Operating Officer, Telefonica, Spain
Andrus Ansip, Vice-President and Commissioner, Digital Single Market, European Commission, Brussels
Natarajan Chandrasekaran, Chief Executive Officer and Managing Director, Tata Consultancy Services, India
Penny Pritzker, US Secretary of Commerce
Bradford L. Smith, President and Chief Legal Officer, Microsoft Corporation, USA

Moderated by
Stephen J. Adler, President and Editor-in-Chief, Thomson Reuters, USA
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>16.45 - 17.15</td>
<td>Congress Centre - Sertig</td>
<td><strong>98 insight/agus</strong> An Insight, An Idea with David Agus</td>
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<td>Bestselling author and biomedical researcher David Agus unveils a brave new world of medicine.</td>
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<td><strong>David B. Agus</strong>, Professor of Medicine and Engineering, USC Center for Applied Molecular Medicine, USA; Global Agenda Council on the Future of the Health Sector</td>
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<td><strong>Interviewed by</strong> Robert Cox, Global Editor-in-Chief, Thomson Reuters Breakingviews.com, USA</td>
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<td>17.00 - 17.30</td>
<td>Media Village - Issue Briefing Room</td>
<td><strong>89 briefing/alzheimer's disease</strong> Issue Briefing: Addressing Alzheimer's: What Do We Know?</td>
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<td>Learn in-depth about how recent discoveries in brain research and neuroscience could transform the prevention and treatment of memory disorders.</td>
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<td><strong>The Issue Briefing room is located in the Media Village.</strong></td>
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<td><strong>P. Murali Doraiswamy</strong>, Professor of Psychiatry and Medicine; Director, Neurocognitive Disorders Program, Duke Institute for Brain Sciences (DIBS), USA; Global Agenda Council on Brain Research</td>
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<td><strong>Moderated by</strong> Susan Goldberg, Editor-in-Chief, National Geographic Magazine, USA</td>
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<td>17.00 - 17.30</td>
<td>Congress Centre - Humanitarian Hub</td>
<td><strong>347 humanitarian hub/innovation</strong> Innovating for Humanitarian Impact</td>
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<td>How can innovative approaches to long-term, cross-sector collaboration revolutionize the humanitarian space?</td>
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<td><strong>Located on the Lower Level of the Congress Centre</strong></td>
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<td>Please arrive early, as seating is limited in the Humanitarian Hub.</td>
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<td><strong>Discussion Leaders</strong> Ronald de Jong, Chief Market Leader, Member of the Executive Committee, Royal Philips, Netherlands</td>
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<td><strong>Facilitated by</strong> Usha Rao-Monari, Chief Executive Officer, Global Water Development Partners, United Kingdom; Global Agenda Council on Water</td>
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Wednesday 20 January

17.30 - 17.45
Congress Centre - Congress Hall

99 special address/schneider-ammann

Welcoming Remarks and Special Address

Simultaneous interpretation in all languages
This session is webcast live.

Special Address by
Johann N. Schneider-Ammann, President of the Swiss Confederation and Federal Councillor of Economic Affairs, Education and Research of Switzerland

Chaired by
Klaus Schwab, Founder and Executive Chairman, World Economic Forum

17.45 - 18.30
Congress Centre - Congress Hall

100 special session/biden

Remarks by Joe Biden, Vice President of the United States

Simultaneous interpretation in all languages
This session is webcast live.

With
Joseph R. Biden Jr., Vice-President of the United States of America

Chaired by
Klaus Schwab, Founder and Executive Chairman, World Economic Forum

18.30 - 20.00
Open Forum - Swiss Alpine High School - Auditorium

101 open forum/migration

From Migration to Integration

Unresolved violent conflict and increasing persecution have led to a rise in refugee flows around the world. Beyond providing safety and refuge, how can we best integrate refugees into our communities?

- What are the needs of refugees in terms of training and employment, housing and healthcare?
- How can business and governments collaborate to help integrate refugees?
- What is the experience of a refugee arriving in Davos?
- What are the successful models of integration?

The Open Forum series, held in parallel with the official programme, offers the local Swiss community and global public an opportunity to engage and interact with experts on global issues.

Open Forum sessions take place at the Swiss Alpine High School (SAMD), which can be reached using public transport or the official shuttles. The bus stop is Postplatz.

Simultaneous interpretation in English and German
This session is webcast live.

Sigmar Gabriel, Vice-Chancellor and Federal Minister for Economic Affairs and Energy of Germany
Stefan Löfven, Prime Minister of Sweden
William Lacy Swing, Director-General, International Organization for Migration (IOM), Geneva
Hamdi Ulukaya, Chief Executive Officer, Chobani, USA
Aleksandar Vucic, Prime Minister of Serbia
The Transformative Power of Awe

“Two things awe me most, the starry sky above me and the moral law within me.”
– Immanuel Kant

How can collective experiences of awe transform the way we think, feel and act?

Transport Information
The shuttle for the Base Camp will leave at 19.15 from the Forum Shuttle Hub. Please be there 10 minutes ahead of time. After a 20-minute drive, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle will leave at 22.20 from the bottom of the Rinerhorn and arrives at the Congress Centre at around 22.50.

Discussion Leaders
Platon Antoniou, Photographer, People's Portfolio, USA
Fiona A. Harrison, Benjamin M. Rosen Professor of Physics and Astronomy, California Institute of Technology (Caltech), USA
Jon Kabat-Zinn, Professor of Medicine Emeritus, University of Massachusetts Medical School, University of Massachusetts, USA
Hanli Prinsloo, Founder and Chief Executive Officer, I AM WATER Foundation, South Africa; Young Global Leader
Matthieu Ricard, President, Karuna-Shechen, France
Joel Sartore, Contributing Photographer, National Geographic Magazine, USA

Moderated by
Philip Campbell, Editor-in-Chief, Nature Magazine, United Kingdom; Global Agenda Council on Mental Health

Ideas Making History

“There is one thing stronger than all the armies in the world, and that is an idea whose time has come.”
– Victor Hugo

How have big ideas changed the course of history?

Discussion Leaders
Hannah Dawson, Lecturer, History of Political Thought, King's College London, United Kingdom
W. Patrick McCray, Professor of History, University of California, Santa Barbara, USA
Ian Morris, Willard Professor of Classics; Professor of History, Stanford University, USA
Naomi Oreskes, Professor of the History of Science, Harvard University, USA

Moderated by
Gillian R. Tett, Managing Editor, US, Financial Times, USA

Creative Disruption

“Heck, there are no rules here, we are trying to accomplish something.”
– Thomas Edison

How have leading innovators broken norms to achieve breakthroughs?

Discussion Leaders
Eric Anderson, Chairman, Planetary Holdings, USA; Young Global Leader
Nina Tandon, President and Chief Executive Officer, EpiBone, USA
Jimmy Wales, Founder and Chair Emeritus, Board of Trustees, Wikimedia Foundation, USA; Young Global Leader

Moderated by
Amy Wilkinson, Lecturer, Stanford Graduate School of Business, USA
Wednesday 20 January

20.00 - 22.00
Hotel Derby - Thomasmannsaal

106 modern times

Modern Times

“Originality implies being bold enough to go beyond accepted norms.”
– Anthony Storr

What does today’s creative content landscape tell us about the direction of popular culture?

Discussion Leaders
John Green, Novelist and YouTuber, vlogbrothers, USA
Zoe Keating, Cellist and Composer, USA; Young Global Leader
Sharmeen Obaid Chinoy, Documentary Filmmaker, SOC Films, Pakistan; Young Global Leader
Anant Singh, Producer, Videovision Entertainment, South Africa

Moderated by
Sanford Climan, President, Entertainment Media Ventures (EMV), USA; Global Agenda Council on the Future of Media, Entertainment & Information

20.00 - 22.00
Hotel Meierhof - Restaurant

107 nature of design

The Nature of Design

“There is no better designer than nature.”
– Alexander McQueen

How is the natural world inspiring new frontiers in modern design?

Discussion Leaders
Amale Andraos, Dean, Graduate School of Architecture, Planning and Preservation, Columbia University, USA
Jean-Pierre Bourguignon, President, European Research Council, Belgium
Deborah M. Gordon, Professor of Biology, Stanford University, USA
Neri Oxman, Associate Professor of Media Arts and Sciences, Massachusetts Institute of Technology (MIT) Media Laboratory, USA

Moderated by
Martin Roth, Director, Victoria and Albert Museum, United Kingdom

20.00 - 22.00
Hotel Derby - Fluela 1-2-3

108 pundits

Pundits, Professors and Predictions

“The best way to predict the future is to create it.”
– Abraham Lincoln

Join the world’s leading opinion-shapers from media and academia to debate scenarios for 2016.

Discussion Leaders
Ian Bremmer, President, Eurasia Group, USA; Young Global Leader Alumnus; Global Agenda Council on Geo-economics
Susan Glasser, Editor, Politico, USA; Global Agenda Council on the United States
Li Daokui, Dean, Schwarzman Scholars, Tsinghua University, People's Republic of China; Global Agenda Council on Global Economic Imbalances
Nouriel Roubini, Professor of Economics and International Business, Leonard N. Stern School of Business, New York University, USA
Mahmood Sariolghalam, Professor of International Relations, National University of Iran, Islamic Republic of Iran; Global Agenda Council on the Middle East and North Africa
Joseph E. Stiglitz, Professor, School of International and Public Affairs (SIPA), Columbia University, USA

Moderated by
Alan Murray, Editor, Fortune Magazine, USA
Wednesday 20 January

20.00 - 22.00
Hotel Sunstar Alpine - Parsenn 1-2-3

109 women in science

Women in Science

How will the Fourth Industrial Revolution enable women to take more leadership roles in science and technology?

Discussion Leaders
Jennifer Doudna, Professor of Chemistry and of Molecular and Cell Biology, University of California, Berkeley, USA
Suzanne Fortier, Principal, McGill University, Canada
Kathy Hudson, Deputy Director, Science, Outreach and Policy, National Institutes of Health, USA
Elizabeth O’Day, Founder and Chief Executive Officer, Olaris Therapeutics, USA; Global Shaper
Suchitra Sebastian, University Lecturer, Department of Physics, Cavendish Laboratory, University of Cambridge, United Kingdom; Young Scientist

Moderated by
Laura Liswood, Secretary-General, Council of Women World Leaders, USA; Global Agenda Council on Gender Parity

20.00 - 22.00
Kongress Hotel - Restaurant

200 us-china relations

A New Chapter for US-China Relations

Conflict, coexistence or common purpose? Discuss with world renowned experts the present and future of the world’s most important bilateral relationship.

Discussion Leaders
Yoichi Funabashi, Chairman, Rebuild Japan Initiative Foundation (RJIF), Japan; Global Agenda Council on Nuclear Security
Keyu Jin, Assistant Professor of Economics, London School of Economics and Political Science, United Kingdom; Young Global Leader
Rana Mitter, Professor of History and Politics of Modern China, University China Centre, University of Oxford, United Kingdom
Joshua Cooper Ramo, Vice-Chairman; Co-Chief Executive Officer, Kissinger Associates, USA; Young Global Leader Alumnus
Kevin Rudd, President, Asia Society Policy Institute, Australia; Global Agenda Council on China
Wu Xinbo, Executive Dean, Institute of International Studies, Fudan University, People’s Republic of China; Global Agenda Council on Geo-economics

Moderated by
David Rhodes, President, CBS News, USA; Young Global Leader
Thursday 21 January

08.00 - 08.30
Congress Centre - Dischma

110 morning mindfulness 2

Mindfulness Meditation

Mindfulness meditation is the art of paying attention in the present moment, intentionally and non-judgementally.

Start the day with mindfulness expert Jon Kabat-Zinn to learn and experience the benefits of meditation.

With
Jon Kabat-Zinn, Professor of Medicine Emeritus, University of Massachusetts Medical School, University of Massachusetts, USA

08.45 - 10.00
Congress Centre - Sanada

112 bloomberg/china outlook

Where Is the Chinese Economy Heading?

With a new Five-Year Plan being presented in 2016, how can the world’s second-largest economy shift gears without stalling its growth engine?

This session was developed in partnership with Bloomberg Television.

Simultaneous interpretation in English and Mandarin Chinese

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Gary D. Cohn, President and Chief Operating Officer, Goldman Sachs, USA
Ray Dalio, Chairman and Chief Investment Officer, Bridgewater Associates, USA
Fang Xinghai, Director-General, International Economic Department, Office of the Central Leading Group for Financial and Economic Affairs of the People’s Republic of China; Young Global Leader Alumnus
Jiang Jianqing, Chairman of the Board, Industrial and Commercial Bank of China, People’s Republic of China
Christine Lagarde, Managing Director, International Monetary Fund (IMF), Washington DC
Zhang Xin, Chief Executive Officer and Co-Founder, SOHO China, People’s Republic of China; Young Global Leader Alumnus

Moderated by
Francine Lacqua, Editor-at-Large and Presenter, Bloomberg Television, United Kingdom

09.00 - 10.00
Congress Centre - Seehorn Arena

118 migration challenge

Humanity on the Move

Globally, more than 60 million people are either refugees, internally displaced, or seeking asylum. What will be the socioeconomic consequences?

This session is filmed and will be available on the World Economic Forum website at a later date.

Khalid Abdulla-Janahi, Chairman, Vision 3, United Arab Emirates
Stephen O’Brien, Undersecretary-General for Humanitarian Affairs and Emergency Relief Coordinator, United Nations Office for the Coordination of Humanitarian Affairs (OCHA), New York
Kenneth Roth, Executive Director, Human Rights Watch, USA

Moderated by
Khalid Koser, Executive Director, Global Community Engagement and Resilience Fund (GCERF), Switzerland; Global Agenda Council on Migration
Thursday 21 January

09.00 - 10.00
Congress Centre - Schwarzhorn BetaZone

111 betazone/deforestation

Cellphones vs Chainsaws

Discover how technology is helping to win the war against illegal deforestation – the second-largest source of carbon emissions worldwide – with National Geographic Explorer and engineer Topher White.

This session is filmed and will be available on the World Economic Forum website at a later date.

Introduced by
Erna Solberg, Prime Minister of Norway
Topher White, Founder and Chief Executive Officer, Rainforest Connection, USA

Moderated by
Naomi Oreskes, Professor of the History of Science, Harvard University, USA

09.00 - 10.00
The Loft - Loft BetaZone

116 loft/betazone engineering revolutions

Engineering Revolutions

Learn from Edward Boyden, winner of the 2016 Breakthrough Prize and pioneer in optogenetics, on how to overcome conventional thinking and accelerate ideas into revolutionary ventures.

The Loft is across from the Congress Centre on Promenade.

Edward Boyden, Associate Professor, Media Lab and McGovern Institute, Massachusetts Institute of Technology (MIT), USA; Young Scientist

Moderated by
Lisa Gibbs, Business Editor, Associated Press, USA

09.00 - 10.15
Hilton Garden Inn - -

119 refugee experience 4

A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.
Thursday 21 January

09.00 - 10.15
Congress Centre - Flüela IdeasLab

113 ideaslab/cmu

The Promise and Peril of Omnipresent Sensors: The Carnegie Mellon University IdeasLab

What are the possibilities and the dangers when practically everything can communicate with everything else?

Idea 1: Reimagining everyday devices as information-delivery systems
Idea 2: Cybersecurity in the age of always-connected sensors
Idea 3: Transforming the classroom with ubiquitous sensing
Idea 4: Personal privacy assistants in the age of the Internet of Things

This session is filmed and will be available on the World Economic Forum website at a later date.

Introduced by Subra Suresh, President, Carnegie Mellon University, USA

Discussion Leaders
Lorrie Cranor, Professor of Computer Science and of Engineering and Public Policy, Carnegie Mellon University, USA
Chris Harrison, Assistant Professor of Human-Computer Interaction, Carnegie Mellon University, USA; Young Scientist
Amy Ogan, Assistant Professor of Human-Computer Interaction, Carnegie Mellon University, USA
Anthony Rowe, Associate Professor of Engineering, Carnegie Mellon University, USA

Facilitated by Gareth Mitchell, Lecturer, Broadcast Communication, Imperial College London, United Kingdom

09.00 - 10.15
The Loft - Loft IdeasLab

117 loft/ideaslab mit

Realizing Precision Medicine: The Massachusetts Institute of Technology IdeasLab

How are personalized and precision methods transforming the way disease is prevented and treated?

Discover and debate in the IdeasLab:
Idea 1: Controlling the brain with light to reactivate lost memories
Idea 2: Using nanosensors to promptly catch signs of disease
Idea 3: Drugs that can turn off disease-causing genes
Idea 4: Developing a one-two punch cancer nanoparticle for resistant tumours

The Loft is across from the Congress Centre on Promenade.

Discussion Leaders
Sangeeta Bhatia, Professor of Engineering, Massachusetts Institute of Technology, USA
Paula T. Hammond, David H. Koch Professor in Engineering; Head, Department of Chemical Engineering, Massachusetts Institute of Technology (MIT), USA
Phillip Sharp, Institute Professor, Massachusetts Institute of Technology, USA
Susumu Tonegawa, Picower Professor of Biology and Neuroscience, Massachusetts Institute of Technology (MIT), USA

Facilitated by Jeffrey M. Drazen, Editor-in-Chief, The New England Journal of Medicine, USA

09.00 - 10.15
Congress Centre - Jakobshorn

114 institutional/fragile societies

Responding to Fragility

Rising economic and social volatility, protracted crises and the spread of violent extremism have led to severe instability in many regions. How can public-private collaboration effectively respond to increasing fragility and uncertainty?

This session is for Forum Members and Partners active or interested in the World Economic Forum’s work on international security.

Introduced by Espen Barth Eide, Head of Geopolitical Affairs, Member of the Managing Board, World Economic Forum
Luis Alberto Moreno, President, Inter-American Development Bank, Washington DC
Louise Mushikiwabo, Minister of Foreign Affairs and Cooperation of Rwanda; Global Agenda Council on Fragility, Violence & Conflict
Javad Zarif, Minister of Foreign Affairs of the Islamic Republic of Iran
With
Kassi Jean-Claude Brou, Minister of Industry and Mines of Côte d’Ivoire

Discussion Leaders
Stephen Cross, Chief Innovation Officer, Aon Risk Solutions, Aon, Ireland; Global Agenda Council on the Future of Insurance & Asset Management
Chrystia Freeland, Minister of International Trade of Canada; Young Global Leader Alumnus
Pierre Issa, Co-Founder and Chief Executive Officer, arcenciel, Lebanon; Social Entrepreneur
Neal Keny-Guyer, Chief Executive Officer, Mercy Corps, USA; Global Agenda Council on Fragility, Violence & Conflict
Gayle E. Smith, Administrator, USAID - US Agency for International Development, USA

Moderated by
Peter Maurer, President, International Committee of the Red Cross (ICRC), Geneva; Global Agenda Council on Fragility, Violence & Conflict

World Economic Forum Annual Meeting 2016 - Programme 44
Keeping Up with the Consumers

Increasingly, consumers are demanding speed, convenience, digital connectivity and continuous service. How can consumer-facing industries transform their business models and stay agile in a constantly changing landscape?

This session is for Forum Members and Partners active or interested in the Consumer Industries agenda.

Introduced by
Sarita Nayyar, Managing Director, World Economic Forum USA
Mitch Barns, Chief Executive Officer, Nielsen, USA
Soraya Darabi, Impact Investor & Co-Founder, Zady.com, USA; Young Global Leader
Taavet Hinrikus, Chief Executive Officer, TransferWise, United Kingdom
Richard Solomons, Chief Executive, InterContinental Hotels Group, United Kingdom
Devin Wenig, President and Chief Executive Officer, eBay, USA; Young Global Leader Alumnus

With
Gonzalo Muñoz, Co-Founder and Chief Executive Officer, TriCiclos, Brazil; Social Entrepreneur
Kirsten Saenz Tobey, Co-Founder and Chief Impact Officer, Revolution Foods, USA; Social Entrepreneur

Moderated by
Amy Wilkinson, Lecturer, Stanford Graduate School of Business, USA

Stop to Think: Big Data vs Human Touch

How can we promote and preserve the value of the individual and of human decision-making in a world increasingly fixated on the promise of big data?

Start the day with an informal conversation to explore and reflect on how technology is shaping values, activities and choices.

Bo Lu, Chief Executive Officer and Co-Founder, FutureAdvisor, USA
Nancy Lublin, Chief Executive Officer, Crisis Text Line, USA; Young Global Leader Alumnus
Peter Salovey, President, Yale University, USA
John Sargent, Co-Founder, BroadReach Healthcare, Switzerland; Social Entrepreneur

Future-Proofing Global Finance

In the face of technological and strategic transformations in financial services, what regulatory reforms can foster inclusion while averting future shocks?

On the agenda:
- Regulation in view of rapid digital upgrades
- Rise of emerging markets in global economic governance
- Fostering competition in global financial services

This session is webcast live.

Jeroen Diijsselbloem, President of the Euro Group; Minister of Finance of the Netherlands
Brian T. Moynihan, Chairman of the Board and Chief Executive Officer, Bank of America, USA
Stephen A. Schwarzman, Chairman, Chief Executive Officer and Co-Founder, Blackstone, USA
Bill Winters, Group Chief Executive Officer, Standard Chartered Bank, United Kingdom
Min Zhu, Deputy Managing Director, International Monetary Fund (IMF), Washington DC

Moderated by
John Micklethwait, Editor-in-Chief, Bloomberg, USA
Thursday 21 January

09.00 - 10.00
Congress Centre - Aspen 1

124 transformation/eurasia

Eurasia and the Modern Silk Road

As part of the New Silk Road development project, which encompasses an area that produces about 55% of global GDP and has about 75% of known energy reserves, what are the prospects for regional development in Eurasia?

Simultaneous interpretation in English and Russian

This session is webcast live.

Andrey L. Kostin, President and Chairman, VTB Bank Management Board, VTB Bank, Russian Federation
Giorgi Kvirikashvili, Prime Minister of Georgia
Alexander Machkevitch, Chairman of the Board of Directors, Eurasian Resources Group, Luxembourg
Sultan Ahmed bin Sulayem, Chairman, DP World, United Arab Emirates

Moderated by
Kishore Mahbubani, Dean, Lee Kuan Yew School of Public Policy, National University of Singapore, Singapore; Global Agenda Council on Geo-economics

09.15 - 09.45
Media Village - Issue Briefing Room

122 briefing/tunisia

Issue Briefing: The Tunisian Revolution: Lessons for the World

Learn first-hand about the political challenges and socio-economic changes that emerged from Tunisia’s drive towards better governance.

The Issue Briefing room is located in the Media Village.

Simultaneous interpretation in English and French

This session is webcast live.

Ouided Bouchamaoui, President, Tunisian Union for Industry, Commerce and Handicrafts (Utica), Tunisia
Mohamed Fadhel Mahfoudh, President, Tunisian Order of Lawyers, Tunisia

Moderated by
Oliver Cann, Head of Media Content, World Economic Forum

09.15 - 11.30
Rinerhorn Mountain - Base Camp

121 base camp/hintsa 2

Reaching Peak Performance

Rising to the top requires performing under intense personal pressure. Physician Aki Hintsa has worked with Formula 1 world champions, Olympic-level athletes and top executives to help them reach their performance goals.

Learn how to reach your peak performance on this alpine retreat at the Forum’s Base Camp on nearby Rinerhorn Mountain.

Transport Information
The shuttle for the Base Camp will leave at 08.30 from the Forum Shuttle Hub. Please be there 10 minutes ahead of time. After a 20-minute drive, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle will leave at 11.50 from the bottom of the Rinerhorn and arrives at the Congress Centre at around 12.20.

With
Mika Häkkinen, F1 World Champion, Hintsa Performance, Switzerland
Aki Hintsa, Founder, Orthopaedic and Trauma Surgeon, Hintsa Performance, Switzerland
Sebastian Vettel, Racing Driver, Formula One Management, Switzerland

Facilitated by
Lynda Gratton, Professor of Management Practice, London Business School, United Kingdom
**Thursday 21 January**

**09.15 - 09.45**
Congress Centre - Virtual Reality Space

125 virtual reality 4

**Virtual Reality: Collisions**

Join a group experience of the virtual reality film, **Collisions**. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

**Collisions** is by acclaimed artist Lynette Wallworth, in partnership with Nyarri Morgan, an indigenous elder and artist. It is supported by the World Economic Forum, Sundance Institute and Ford Foundation, in partnership with Jaunt VR.

You can also experience the film on your own and at your own pace outside of scheduled session times.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With Lynette Wallworth, Artist, Studio Wallworth, Australia

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**09.30 - 10.00**
Congress Centre - Earth Space

183 earth time-lapse/industrialization 2

**Earth Time-Lapse: The Industrialization Impasse**

Embark on a visual exploration that reveals unprecedented urbanization and industrialization in our lifetime. The session features high-resolution satellite images from NASA's Landsat Program, which provides the longest continuous global record of the Earth's surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With Ricardo Hausmann, Director, Center for International Development, Harvard Kennedy School of Government, USA; Global Agenda Council on the Future of Manufacturing Illah Nourbakhsh, Professor, Robotics Institute, Carnegie Mellon University, USA

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**10.00 - 10.30**
Congress Centre - Robot Space

126 meet the robot 3

**Meet the Robot**

Discover how advanced robotics will transform disaster response, with the Korea Advanced Institute of Science and Technology (KAIST), 2015 DARPA Robotics Challenge winner and developer of HUBO, a multifunctional walking humanoid robot.

Located on the Lower Level of the Congress Centre, next to the Information and Sign Up Desk

With Oh Jun-Ho, Professor, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
**Thursday 21 January**

<table>
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<tr>
<th>10.00 - 10.45</th>
<th>Congress Centre - Humanitarian Hub</th>
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<td><strong>361 loft/brain challenge</strong> 2</td>
<td>128 humanitarian hub/employment</td>
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<tr>
<td>Davos Brain Challenge</td>
<td>Strengthening Refugee Talent</td>
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<tr>
<td>Test your brain’s abilities and explore how transformational digital services will shift the way we think about brain health and cognitive performance.</td>
<td>How can the private and public sectors partner to train and hire refugees?</td>
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<tr>
<td>The Loft is across from the Congress Centre on the Promenade.</td>
<td>Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.</td>
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<tr>
<td>Introduced by</td>
<td>Located on the Lower Level of the Congress Centre</td>
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<tr>
<td>Tan Le, Founder and Chief Executive Officer, Emotiv Lifesciences, USA; Young Global Leader</td>
<td>Please arrive early, as seating is limited in the Humanitarian Hub.</td>
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<tr>
<th>10.15 - 11.15</th>
<th>Congress Centre - Congress Hall</th>
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<td>127 europe future</td>
<td>The Future of Europe</td>
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<tr>
<td>Faced with political polarization, economic fragmentation and security threats, how can Europe rebuild and reinforce the pillars of its Union?</td>
<td>Simultaneous interpretation in all languages</td>
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<tr>
<td>This session is webcast live.</td>
<td>Emma Marcegaglia, Chairman, Eni, Italy</td>
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<tr>
<td>Mark Rutte, Prime Minister of the Netherlands</td>
<td>Wolfgang Schäuble, Federal Minister of Finance of Germany</td>
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<td>Alexis Tsipras, Prime Minister of Greece</td>
<td>Manuel Valls, Prime Minister of France</td>
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<tr>
<td>Chaired by</td>
<td>Robin Niblett, Director, Chatham House, United Kingdom; Global Agenda Council on Europe</td>
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<tr>
<td>Valerie Keller, Executive Director, Strategic Transformation, EY, USA; Young Global Leader</td>
<td>Facilitated by</td>
</tr>
<tr>
<td>Hikmet Ersek, President and Chief Executive Officer, The Western Union Company, USA</td>
<td>Hamdi Ulukaya, Chief Executive Officer, Chobani, USA</td>
</tr>
<tr>
<td>Discussion Leaders</td>
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</tbody>
</table>
### Earth Time-Lapse: The Climate Crisis

Embark on a visual exploration that reveals the accelerating effects of climate change in our lifetime. The session features high-resolution satellite images from NASA’s Landsat Program, which provides the longest continuous global record of the Earth’s surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With [Naomi Oreskes](#), Professor of the History of Science, Harvard University, USA; [Achim Steiner](#), Executive Director, United Nations Environment Programme (UNEP), Nairobi

**Moderated by**

Oliver Cann, Head of Media Content, World Economic Forum

### Issue Briefing: The Gender Impact of the Fourth Industrial Revolution

Learn in depth about the degree and breadth of gender gaps across key industries and possible remedies to consider for each.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

**With**

Mara Swan, Executive Vice-President, Global Strategy and Talent, ManpowerGroup, USA; Global Agenda Council on Gender Parity
Theresa Whitmarsh, Executive Director, Washington State Investment Board, USA; Global Agenda Council on the Future of Investing
Saadia Zahidi, Head of Employment and Gender Initiatives, Member of the Executive Committee, World Economic Forum

**Moderated by**

Oliver Cann, Head of Media Content, World Economic Forum

### Africa’s Next Challenge

Africa is home to nine of the world’s 15 fastest-growing economies; yet, over the past 10 years, productivity has fallen. How will the Fourth Industrial Revolution impact Africa?

This session was developed in partnership with CNBC Africa.

Simultaneous interpretation in English and French

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

**With**

Akinwumi Ayodeji Adesina, President, African Development Bank (AfDB), Abidjan
Hailemariam Desalegn, Prime Minister of Ethiopia
Yemi Osinbajo, Vice-President of Nigeria
Hans Vestberg, President and Chief Executive Officer, Ericsson, Sweden
Jacob G. Zuma, President of the Republic of South Africa

**Moderated by**

Bronwyn Nielsen, Editor-in-Chief and Executive Director, CNBC Africa, South Africa
Thursday 21 January

10.30 - 11.00
Congress Centre - Transformation Hub

132 transformation hub/international security 2

Achieving the Sustainable Development Goals: International Security

Global partnerships are needed to stabilize an increasingly volatile security landscape and foster peaceful, inclusive societies.

Explore in the Transformation Hub how the Sustainable Development Goal of achieving peace, justice and strong institutions can be achieved.

Please arrive early, as space is limited in the Transformation Hub.

Facilitated by
Anja Kaspersen, Head of International Security, Member of the Executive Committee, World Economic Forum

10.45 - 11.45
Congress Centre - Seehorn Arena

133 antibiotics crisis

The Antibiotics Crisis

By squandering antibiotics, humankind risks undoing nearly a century of medical progress. Surgeries would become too risky, transplants impossible and simple infections would kill again. What can be done to save humanity from a post-antibiotics world?

On the agenda:
- Rise of drug-resistant infections
- Drug discovery, development and market failure
- Action plan for new drugs and diagnostics

This session is filmed and will be available on the World Economic Forum website at a later date.

Jeremy Farrar, Director, Wellcome Trust, United Kingdom; Global Agenda Council on the Demographic Dividend
Hermann Gröhe, Federal Minister of Health of Germany
Joanne Liu, International President, Médecins Sans Frontières, Switzerland
Edith Schippers, Minister of Health, Welfare and Sport of the Netherlands
Andrew Witty, Chief Executive Officer, GlaxoSmithKline, United Kingdom

Moderated by
Peter Piot, Director and Professor of Global Health, London School of Hygiene and Tropical Medicine, United Kingdom

10.45 - 12.00
Congress Centre - Jakobshorn

135 institutional/data markets

Creating a Global Data Marketplace

Data has emerged as a strategic asset across industry sectors as the global digital economy becomes an engine for business and economic growth. Yet, information asymmetries and other market failures prevent the full realization of its potential. How can policy-makers and business leaders help shape a thriving global marketplace for data?

This session is for Forum Members and Partners active or interested in the Global Challenge Initiative on the Future of the Internet and the Project on Digital Transformation of Industries.

Introduced by
Alan Marcus, Head of ICT Agenda, Member of Management Committee, World Economic Forum USA
Francisco D'Souza, Chief Executive Officer, Cognizant Technology Solutions, USA
António Horta-Osório, Chief Executive, Lloyds Banking Group, United Kingdom
Irene B. Rosenfeld, Chairman and Chief Executive Officer, Mondelez Global, USA
Nico Sell, Co-Founder and Co-Chairman, Wickr, USA

Moderated by
Jonathan Zittrain, Professor of Law and Professor of Computer Science, Harvard University, USA; Young Global Leader; Global Agenda Council on Social Media
Thursday 21 January

10.45 - 11.15
Congress Centre - Aspen 2

134 insight/green

An Insight, An Idea with John Green

A discussion with author and star vlogger John Green on what the wild success of his stories for young adults – including The Fault in Our Stars and Paper Towns – tells us about the aspirations of the young generation in a digital era.

This session is webcast live.

John Green, Novelist and YouTuber, vlogbrothers, USA

Interviewed by
Tanya Beckett, Presenter, BBC News, United Kingdom

11.15 - 12.15
Media Village - Issue Briefing Room

318 shaping davos 2

A “Glocal” Approach to Sustainable Development

Achieving the Sustainable Development Goals (SDGs) is premised on widespread innovation at the local level driven by best practices and new technologies shared globally – “glocalization”. How can local creativity and global knowledge be deployed to achieve the SDGs?

On the agenda:
- Communicating the new SDGs at the national and municipal levels
- Increasing knowledge-sharing at the global, regional and national levels
- Mobilizing local communities on global issues

Global Shapers communities in Riyadh, Chandigarh, Rabat and Port Louis will join the discussion online.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

Gonzalo Muñoz, Co-Founder and Chief Executive Officer, TriCiclos, Brazil; Social Entrepreneur
William Warshauer, President and Chief Executive Officer, TechnoServe, USA

Moderated by
Afsin Yurdakul, International News Anchor, Habertürk TV, Turkey; Global Shaper; Global Agenda Council on Europe

11.15 - 11.30
Congress Centre - Congress Hall

355 special session/cyprus

Reuniting Cyprus

Cyprus, at the intersection between Europe and the Middle East, has been divided for over a generation. Ongoing negotiations between the Greek Cypriot and the Turkish Cypriot community have spurred new hope. A united Cyprus could stand out as a symbol of peace and cooperation in a fragmenting world. This could also represent a significant economic opportunity. Join us for a special session on the future of Cyprus.

Simultaneous interpretation in all languages

This session is webcast live.

Introduced by
Espen Barth Eide, Head of Geopolitical Affairs, Member of the Managing Board, World Economic Forum

Remarks by
Mustafa Akinci, Turkish Cypriot Leader
Nicos Anastasiades, President of Cyprus
Klaus Schwab, Founder and Executive Chairman, World Economic Forum
Thursday 21 January

11.30 - 12.00
Congress Centre - Aspen 2

349 insight/essid
An Insight, An Idea with Habib Essid

The first Prime Minister of the Second Tunisian Republic, Habib Essid, shares his vision for Tunisia five years after the Tunisian revolution.

Simultaneous interpretation in English and Arabic
This session is webcast live.

Habib Essid, Head of Government of Tunisia
Interviewed by
Nadine Hani, Senior Presenter, Al Arabiya News Channel, United Arab Emirates

11.30 - 11.50
Congress Centre - Congress Hall

354 special session/davutoglu
Turkey’s Global Role

Simultaneous interpretation in all languages
This session is webcast live.

Ahmet Davutoglu, Prime Minister of Turkey
Chaired by
Philipp Rösler, Head of the Centre for Regional Strategies, Member of the Managing Board, World Economic Forum

11.45 - 12.15
Congress Centre - Humanitarian Hub

137 humanitarian hub/integration
Integrating Refugees

How can mutual respect and cooperation be achieved between refugees and residents to ensure prosperity for all?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

Located on the Lower Level of the Congress Centre
Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders
Sebastian Kurz, Federal Minister for Europe, Integration and Foreign Affairs of Austria
David Lubell, Founder and Executive Director, Welcoming America, USA; Young Global Leader
Facilitated by
Kevin Jenkins, President and Chief Executive Officer, World Vision International, United Kingdom
Earth Time-Lapse: The War on Water

Embark on a visual exploration that reveals the Arctic, oceans and freshwater crises. The session features high-resolution satellite images from NASA’s Landsat Program, which provides the longest continuous global record of the Earth’s surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With
Johan Rockström, Executive Director, Stockholm Resilience Centre, Sweden
Randy Sargent, Senior Systems Scientist, Carnegie Mellon University, USA

Virtual Reality: Collisions

Join a group experience of the virtual reality film, Collisions. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

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You can also experience the film on your own and at your own pace outside of scheduled session times.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With
Lynette Wallworth, Artist, Studio Wallworth, Australia

A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.
Thursday 21 January

12.30 - 13.45
Hotel Derby - Lärchensaal

140 cultural heritage

Protecting Cultural Heritage

What kinds of partnerships are necessary for the protection of world heritage at a time of catastrophic destruction?

On the agenda:
- War and iconoclasm
- Looting and financing of terrorism
- Unsustainable heritage tourism

This lunch is hosted in collaboration with Dogus Group.

Discussion Leaders
Hüsnü Akhan, Chief Executive Officer, Dogus Group, Turkey
Irina Georgieva Bokova, Director-General, United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris
Terry D. Garcia, Chief Science and Exploration Officer, National Geographic Society (NGS), USA
Sarah Kenderdine, Professor and Director, Expanded Perception and Interaction Centre, University of New South Wales, Australia
Richard Kurin, Acting Provost; Undersecretary for Museums and Research, Smithsonian Institution, USA

Moderated by
Martin Roth, Director, Victoria and Albert Museum, United Kingdom

12.30 - 13.45
Morosani Posthotel - Poststube

141 data for development

Big Data for Development

In an era of big data, how can opportunities be harnessed to help close the global development gap?

On the agenda:
- Weighing risks and rewards of data sharing
- Ensuring ethical and inclusive use
- Scaling solutions for sustainable development

Discussion Leaders
Kathy Calvin, President and Chief Executive Officer, United Nations Foundation, USA
Alexander De Croo, Deputy Prime Minister and Minister of Development Cooperation, the Digital Agenda, Telecommunications and Postal Services of Belgium; Young Global Leader; Global Agenda Council on Europe
Jonathan Jackson, Founder and Chief Executive Officer, Dimagi, USA; Social Entrepreneur
Pierre Louette, Chief Executive Officer, Delegate and Group General Secretary, Orange Group, France
Jeffrey D. Sachs, Director, Earth Institute, Columbia University, USA
Shyam Sankar, President, Palantir Technologies, USA

Facilitated by
Sam Gregory, Programme Director, WITNESS, USA; Young Global Leader

12.30 - 13.45
Hotel Cresta Sun - Restaurant

142 decarbonizing economies

Decarbonizing Economies

What do the COP21 commitments of single countries mean for multinational businesses?

On the agenda:
- Optimizing local and global value chains
- Scaling innovation-led decarbonization strategies
- Aligning business models to differing regulations

The menu has been specially designed with ingredients that will become difficult to obtain in a world that is more than two degrees warmer than the pre-industrial average.

Introduced by
Al Gore, Vice-President of the United States (1993-2001); Chairman and Co-Founder, Generation Investment Management, USA; Meta-Council on the New Architecture of Governance

Discussion Leaders
Jean-Louis Chaussade, Chief Executive Officer, SUEZ, France; Global Agenda Council on Water
Jean-Pierre Clamadieu, Chairman and Chief Executive Officer, Solvay, Belgium
Dong-Kwan Kim, Chief Commercial Officer and Executive Vice-President, Hanwha Q CELLS, Republic of Korea; Young Global Leader
Catherine McKenna, Minister of Environment and Climate Change of Canada
Eric Rondolat, Chief Executive Officer, Lighting, Royal Philips, Netherlands

Moderated by
Christiana Figueres, Executive Secretary, United Nations Framework Convention on Climate Change (UNFCCC), Bonn

World Economic Forum Annual Meeting 2016 - Programme 54
Thursday 21 January

12.30 - 13.45
Morosani Schweizerhof - Arvenstube

143 diversity divide

Bridging the Diversity Divide

How can companies support the LGBT agenda to promote a more diverse workforce and inclusive corporate culture?

On the agenda:
- Role models and career progression
- Decoding biases
- Balancing cultural and policy approaches

Discussion Leaders
Inga Beale, Chief Executive Officer, Lloyd's, United Kingdom
Scott Brison, President of the Treasury Board of Canada; Young Global Leader
Beth A. Brooke-Marciniak, Global Vice-Chair, Public Policy, EY, USA
Ngozi Okonjo-Iweala, Chair, GAVI Alliance, Nigeria
Michael I. Roth, Chairman and Chief Executive Officer, Interpublic Group, USA
Antonio Simoes, Chief Executive, HSBC Bank, United Kingdom; Young Global Leader; Global Agenda Council on Values

Remarks by
Xavier Bettel, Prime Minister, Minister for Communications and Media and Minister of Culture of Luxembourg

Moderated by
Carmel Crimmins, Financial Services Editor, Americas, Thomson Reuters, USA

12.30 - 13.45
Hotel Derby - Fluela 1-2-3

144 european commission

Meet the European Commission

How can Europe respond effectively to the challenges arising from today's fragile political, economic and social climate?

One year into their term, meet the European Commissioners to discuss the objectives and priorities for the European Union.

Opening Remarks by
Carl Bildt, Prime Minister of Sweden (1991-1994) and Minister of Foreign Affairs of Sweden (2006-2014); Global Agenda Council on Europe
Vytenis Andriukaitis, Commissioner, Health and Food Safety, European Commission, Brussels
Andrus Ansip, Vice-President and Commissioner, Digital Single Market, European Commission, Brussels
Johannes Hahn, Commissioner, European Neighbourhood Policy and Enlargement Negotiations, European Commission, Brussels
Lord Jonathan Hill, Commissioner, Financial Stability, Financial Services and Capital Markets Union, European Commission, Brussels
Jyrki Katainen, Vice-President and Commissioner, Jobs, Growth, Investment and Competitiveness, European Commission, Brussels
Carlos Moedas, Commissioner, Research, Science and Innovation, European Commission, Brussels
Gunther H. Oettinger, Commissioner, Digital Economy and Society, European Commission, Brussels
Maros Sefcovic, Vice-President and Commissioner, Energy Union, European Commission, Brussels
Frans Timmermans, First Vice-President, Better Regulation, Inter-Institutional Relations, the Rule of Law and the Charter of Fundamental Rights, European Commission, Brussels

Moderated by
Katinka Barysch, Director, Political Relations, Allianz, Germany; Young Global Leader; Global Agenda Council on Europe

12.30 - 13.45
Morosani Posthotel - Davoserstube

145 islamic faith

Understanding Islam

Socio-economic, political and cultural circumstances of the world’s 1.6 billion Muslims are varied across the globe, yet outbursts of extremist and sectarian violence often fuel a narrow outside understanding of Islam. How do Muslims see and practice their faith today?

Discussion Leaders
Shawki Ibrahim Abdal-Karim Allam, Grand Mufti, Egyptian Religious Edicts Authority (Dar Al Iftaa Al Misreya), Egypt
Mohamed Ashmawey, Chief Executive Officer, Islamic Relief Worldwide, United Kingdom; Global Agenda Council on Humanitarian Response
Ali Adnan Ibrani, First Vice-President, Al Baraka Banking Group, Bahrain; Young Global Leader
Ahmad Iravani, President and Executive Director, Center for the Study of Islam and the Middle East (CSIME), USA; Global Agenda Council on the Role of Faith
Naadiya Moosajee, Co-Founder and Chief Executive Officer, WomHub, South Africa; Global Shaper
Sharmeen Obaid Chinoy, Documentary Filmmaker, SOC Films, Pakistan
Turki Al Faisal Al Saud, Prince of the Saudi Royal Family; Chairman, King Faisal Center for Research and Islamic Studies, Saudi Arabia

Moderated by
Youmna Naufal, Correspondent, Beirut, Future TV, Lebanon; Global Shaper
Thursday 21 January

12.30 - 13.45
Hotel Meierhof - Restaurant

148 transformation/africa

Regions in Transformation: Sub-Saharan Africa

What global trends and regional priorities are affecting the future of sub-Saharan Africa?

On the agenda:
- Responding to rising interest rates in the US
- Realizing rapid expansion in distributed manufacturing
- Adapting to declining demand for commodities from China

Discussion Leaders
Kemi Adeosun, Minister of Finance of Nigeria
Lesetja Kganyago, Governor of the South Africa Reserve Bank (SARB), South Africa
Mukhisa Kituyi, Secretary-General, United Nations Conference on Trade and Development (UNCTAD), Geneva
Justin Lin, Professor, National School of Development, Peking University, People's Republic of China
Benno Ndulu, Governor of the Bank of Tanzania
Oscar Onyema, Chief Executive Officer, Nigerian Stock Exchange (NSE), Nigeria; Global Agenda Council on the Future of Financing & Capital

Moderated by
Donald Kaberuka, President, African Development Bank (2005-2015); Hauser Leader-in-Residence, Harvard University, USA; Global Agenda Council on Africa

12.30 - 13.45
Open Forum - Swiss Alpine High School - Auditorium

146 open forum/growth

How to Reboot the Global Economy?

In 2015, global economic growth did not exceed 3% and 2016 is likely to be similarly lacklustre. Growth in emerging economies is flattening and the digital revolution has yet to improve productivity or growth numbers. Is this the new norm, or will countries be able to spur growth in the future?

- How are governments and businesses adapting to slow economic growth?
- What actions can governments take to catalyse growth?
- Can we capitalize on new technology and innovation to jump-start the global economy?

The Open Forum series, held in parallel with the official programme, offers the local Swiss community and global public an opportunity to engage and interact with experts on global issues.

Open Forum sessions take place at the Swiss Alpine High School (SAMD), which can be reached using public transport or the official shuttles. The bus stop is Postplatz.

Simultaneous interpretation in English and German

This session is webcast live.

Jamil Ahmed Barbosa-Filho, Minister of Finance of Brazil
Enda Kenny, Taoiseach of Ireland
Mehmet Simsek, Deputy Prime Minister of Turkey
Joseph E. Stiglitz, Professor, School of International and Public Affairs (SIPA), Columbia University, USA
Zhang Xin, Chief Executive Officer and Co-Founder, SOHO China, People's Republic of China; Young Global Leader Alumnus

Moderated by
Kevin Delaney, President and Editor-in-Chief, Quartz - Atlantic Media, USA

12.30 - 13.00
Congress Centre - Aspen 2

376 special session/lew

Global Financial Priorities for 2016

Join a special conversation with Jack Lew, US Secretary of the Treasury, on global financial priorities in 2016.

This session is webcast live.

Jacob J. Lew, US Secretary of the Treasury

Moderated by
Thomas L. Friedman, Columnist, Foreign Affairs, New York Times, USA
**Thursday 21 January**

**13.00 - 14.00**
Congress Centre - Aspen 1

150 transformation/south asia

**Regions in Transformation: South Asia**

Join a dialogue on the global trends and national priorities that are affecting the future of South Asia.

Transformations to be addressed:
- Infrastructure and energy security threats
- Economic inequality and job creation
- Impact of regional integration initiatives

This session is webcast live.

Chanda Kochhar, Managing Director and Chief Executive Officer, ICICI Bank, India
Takehiko Nakao, President, Asian Development Bank, Manila
Muhammad Nawaz Sharif, Prime Minister of Pakistan
Ranil Wickremesinghe, Prime Minister of Sri Lanka
Muhammad Yunus, Chairman, Yunus Centre, Bangladesh

Moderated by
Lisa Gibbs, Business Editor, Associated Press, USA

**13.00 - 14.00**
Congress Centre - Sanada 149

149 swisstv/education

**The Future of Education: Lessons in Uncertainty**

How do we educate the young to deal with the uncertainties of modern life and take ownership of their own future?

This session was developed in partnership with Swiss TV.

Simultaneous interpretation in English, French and German

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Gordon Brown, UN Special Envoy for Global Education; Chair, Global Commission on Financing Global Education Opportunity; Global Agenda Council on Infrastructure
Alain Dehaze, Chief Executive Officer, Adecco Group, Switzerland
Angela Hobbs, Professor of the Public Understanding of Philosophy, University of Sheffield, United Kingdom
Johann N. Schneider-Ammann, President of the Swiss Confederation and Federal Councillor of Economic Affairs, Education and Research of Switzerland
Jimmy Wales, Founder and Chair Emeritus, Board of Trustees, Wikimedia Foundation, USA; Young Global Leader

Moderated by
Susanne F. Wille, Journalist and Anchor, Swiss Television SRF, Switzerland

**13.30 - 14.00**
Media Village - Issue Briefing Room 350

350 briefing/society 5.0

**Issue Briefing: Advancing towards a Super Smart Society**

Learn in depth about the concept of Society 5.0, which merges digital and physical worlds for greater societal well-being.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

Hiroaki Nakanishi, Chairman and Chief Executive Officer, Hitachi, Japan; Co-Chair of the World Economic Forum Annual Meeting 2016

Moderated by
Michael Hanley, Head of Digital Communications, Member of the Executive Committee, World Economic Forum

World Economic Forum Annual Meeting 2016 - Programme 57
Thursday 21 January

14.00 - 14.30
Congress Centre - Aspen 2

151 insight/eliasson

An Insight, An Idea with Olafur Eliasson

A conversation with world-renowned artist and Crystal Award recipient Olafur Eliasson on design that changes lives and communities

This session is webcast live.

Olafur Eliasson, Artist, Studio Olafur Eliasson, Germany; Young Global Leader

Moderated by Carol Becker, Dean of Faculty, School of the Arts, Columbia University, USA

14.00 - 14.20
Congress Centre - Congress Hall

152 special session/cameron

Britain in the World

Simultaneous interpretation in all languages

This session is webcast live.

With David Cameron, Prime Minister of the United Kingdom

Chaired by Philipp Rösler, Head of the Centre for Regional Strategies, Member of the Managing Board, World Economic Forum

14.00 - 14.20
Congress Centre - Congress Hall

153 earth time-lapse/forests 2

Earth Time-Lapse: The Future of Forests

Embark on a visual exploration that reveals the alarming acceleration of deforestation globally in our lifetime. The session features high-resolution satellite images from NASA's Landsat Program, which provides the longest continuous global record of the Earth's surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With Matthew C. Hansen, Professor, Department of Geographical Sciences, University of Maryland, USA

Andrew Steer, President and Chief Executive Officer, World Resources Institute, USA
Preparing for Climate Migration

How can sound economic, social and legal strategies be devised to prepare for climate-change-induced migration?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

Located on the Lower Level of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders
Rui Maria de Araújo, Prime Minister of Timor-Leste
Jane McAdam, Professor of Law and Director, Kaldor Centre for International Refugee Law, University of New South Wales, Australia; Young Global Leader

Facilitated by
Usha Rao-Monari, Chief Executive Officer, Global Water Development Partners, United Kingdom; Global Agenda Council on Water

Special Conversation with Benjamin Netanyahu, Prime Minister of Israel

This session is webcast live.

Conversation with Benjamin Netanyahu, Prime Minister of Israel

Chaired by Fareed Zakaria, Anchor, CNN International, USA

Explore the Mind

How does memory work? Why do we sleep? How does stress affect our mind? The human brain stands to be the 21st century’s biggest frontier for exploration. Join leading experts on neuroscience and mindful leadership for this workshop on the power of the mind, the effects of stress and how the brain copes with our busy modern lives.

Enhance your performance potential on this alpine retreat at the Forum’s Base Camp on nearby Rinerhorn Mountain.

Transport Information:
The shuttle for the Base Camp will leave at 13.45 from the Forum Shuttle Hub. Please be there 10 minutes ahead of time. After a 20-minute drive, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle will leave at 16.45 from the bottom of the Rinerhorn and arrives at the Congress Centre at around 17.15.

With
Dan Yang, Professor of Neurobiology, University of California, Berkeley, USA
Richard J. Davidson, William James and Vilas Research Professor of Psychology and Psychiatry, Center for Investigating Healthy Minds, Waisman Center, University of Wisconsin, Madison, USA; Global Agenda Council on Mental Health
Jon Kabat-Zinn, Professor of Medicine Emeritus, University of Massachusetts Medical School, University of Massachusetts, USA
Matthieu Ricard, President, Karuna-Shechen, France

Facilitated by
Jennifer Petriglieri, Assistant Professor of Organizational Behaviour, INSEAD, France
159 ethical medicine

Medical Breakthroughs: Headlines versus Red Lines

Genome editing, three-parent babies, transgenic animals – how do we draw the line between what is technologically feasible and ethically acceptable?

This session is filmed and will be available on the World Economic Forum website at a later date.

Michelle Dipp, Co-Founder and Chief Executive Officer, OvaScience, USA; Young Global Leader
Brooke Ellison, Assistant Professor, Stony Brook University, USA; Young Global Leader
Kathy Hudson, Deputy Director, Science, Outreach and Policy, National Institutes of Health, USA
Marcelo Sanchez Sorondo, Bishop-Secretary, Pontifical Academy of Sciences, Vatican City State

Moderated by
Henry T. Greely, Deane F. and Kate Edelman Johnson Professor of Law, Stanford University, USA

156 betazone/brain power

Brain Power

Advances in technology are enabling us to interpret, hack into and make changes to the brain. What are the implications for health, education and privacy as new tools are developed to leverage the power of the mind?

This session is filmed and will be available on the World Economic Forum website at a later date.

Nita A. Farahany, Professor, Law and Philosophy, Duke University, USA
Corinna E. Lathan, Chair of the Board and Chief Executive Officer, AnthroTronix, USA; Young Global Leader; Global Agenda Council on Artificial Intelligence & Robotics
Michael Platt, Professor of Neuroscience; Professor of Psychology; Professor of Marketing, Wharton School, University of Pennsylvania, USA

Moderated by
Joe Palca, Science Correspondent, NPR, USA

161 ideaslab/erc

The Future of Computing: The European Research Council IdeasLab

How are new fields of computer science paving the way for the next digital revolution?

Discover and debate in the IdeasLab:
Idea 1: The cellular basis of neural computation
Idea 2: Realizing a brain on a chip
Idea 3: Towards a quantum computer
Idea 4: From biomolecular computing to internet democracy

This session is filmed and will be available on the World Economic Forum website at a later date.

Introduced by
Jean-Pierre Bourguignon, President, European Research Council, Belgium

Discussion Leaders
Julie Grollier, Research Director, Unité Mixte de Physique CNRS-Thales, Centre National de la Recherche Scientifique (CNRS), France
Michael Hausser, Wellcome Trust Principal Research Fellow and Professor of Neuroscience, University College London (UCL), United Kingdom
Jeremy O’Brien, Professor, University of Bristol, United Kingdom; Young Scientist
Ehud Shapiro, Professor of Computer Science and Biology, Weizmann Institute of Science, Israel

Facilitated by
Gareth Mitchell, Lecturer, Broadcast Communication, Imperial College London, United Kingdom
### Thursday 21 January

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#### Biotechnology Solutions for Ageing Populations: The Korea Advanced Institute of Science and Technology (KAIST) IdeasLab

How are biological sciences and health technologies addressing the manifold challenges of caring for ageing populations in an era of increasing longevity?

Discover and debate in the IdeasLab:
- Idea 1: Rejuvenation via the microbiome
- Idea 2: Traditional medicine reimagined through modern systems biology
- Idea 3: Advanced mobile healthcare systems
- Idea 4: A neural switch for being happy with less on a crowded planet

The Loft is across from the Congress Centre on Promenade.

**Discussion Leaders**

- **Cho Byung-Kwan**, Associate Professor, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
- **Kim Daesoo**, Associate Professor of Genetics, Behaviour, Neuroscience, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
- **Lee Sang-Yup**, Distinguished Professor and Director, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
- **Lim Youn-Kyung**, Associate Professor, Department of Industrial Design, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea

**Facilitated by**

- **Mariette DiChristina**, Editor-in-Chief, Scientific American, USA; Meta-Council on Emerging Technologies

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#### From Digital Divides to Dividends

Access to the internet is being promoted as a fundamental human right as 4 billion people in the world remain unconnected. What will it take to close the gap?

**On the agenda:**
- Build quality infrastructure
- Establish pricing structures to support affordability
- Enable digital literacy and relevant content

This session is for Forum Members and Partners active or interested in the Forum's work on the Internet for All project.

**Introduced by**

- **Jim Yong Kim**, President, World Bank, Washington DC
- **Zhao Houlin**, Secretary-General, International Telecommunication Union (ITU), Geneva; Global Agenda Council on the Future of Digital Communications

**Discussion Leaders**

- **Jean-Yves Charlier**, Group Chief Executive Officer, VimpelCom, Netherlands
- **Hanzade Dogan Boyner**, Chairwoman, Dogan Online and Dogan Newspaper Publishing, Dogan Sirketleri Grubu Holding, Turkey
- **Janet Longmore**, Founder and Chief Executive Officer, Digital Opportunity Trust (DOT), Canada; Social Entrepreneur; Global Agenda Council on Emerging Multinationals
- **Kenneth Roth**, Executive Director, Human Rights Watch, USA

**Facilitated by**

- **David Kirkpatrick**, Chief Executive Officer; Global Agenda Council on the Future of IT Software & Services

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#### Preparing for the Future of Jobs

Technological and economic trends are rapidly displacing roles and job categories while creating entirely new ones for which today’s workforce and talent strategies are ill-prepared. How can businesses collaborate to prepare talent for technological disruption?

This session is for Forum Members and Partners active or interested in the Global Challenge Initiative on Employment, Skills and Human Capital.

**Introduced by**

- **Saadia Zahidi**, Head of Employment and Gender Initiatives, Member of the Executive Committee, World Economic Forum
- **Gerald Lawless**, President and Group Chief Executive Officer, Jumeirah Group, United Arab Emirates; Global Agenda Council on the Future of Travel & Tourism
- **Justin Moore**, Chief Executive Officer, Ancient, USA
- **Sheila Penrose**, Chairman of the Board, JLL, USA
- **Tharman Shanmugaratnam**, Deputy Prime Minister and Coordinating Minister for Economic and Social Policies of Singapore
- **Sandra Wu Wen-Hsiu**, Chairperson and Chief Executive Officer, Kokusai Kogyo, Japan; Global Agenda Council on Infrastructure

**Moderated by**

- **Andrew McAfee**, Principal Research Scientist, MIT Initiative on the Digital Economy, Massachusetts Institute of Technology (MIT), USA; Global Agenda Council on the Future of Jobs
Thursday 21 January

14.45 - 15.45
Congress Centre - Sertig

160 hyperconnected science

Exploring the Boundaries of Open Innovation

Are open collaboration platforms helping scientific and technological progress?

On the agenda:
- Open access and intellectual property
- Crowdsourcing solutions
- International partnerships

Fabiola Gianotti, Director-General, European Organization for Nuclear Research (CERN), Geneva
Andrew Plump, Board Member, Chief Scientific and Medical Officer, Takeda Pharmaceuticals International, USA
Randy Schekman, Professor, Department of Molecular and Cell Biology, University of California, Berkeley, USA
Jimmy Wales, Founder and Chair Emeritus, Board of Trustees, Wikimedia Foundation, USA; Young Global Leader

Moderated by
Soumitra Dutta, Anne and Elmer Lindseth Dean and Professor of Management, Samuel Curtis Johnson Graduate School of Management, Cornell University, USA

14.45 - 15.45
Congress Centre - Sanada

157 cnn/energy outlook

The New Energy Equation

In a world characterized by increasing uncertainty about the future demand and supply of energy, how are economies navigating new barriers and opportunities?

On the agenda:
- Future oil prices and demand
- Changing energy and climate policies
- Digital and renewable energy innovation

This session was developed in partnership with CNN.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Ilham Aliyev, President of the Republic of Azerbaijan
Claudio Descalzi, Chief Executive Officer, Eni, Italy
Kirill Dmitriev, Chief Executive Officer, Russian Direct Investment Fund, Russian Federation; Young Global Leader
Khalid A. Al-Falih, Minister of Health of Saudi Arabia
Lin Boqiang, Dean, Institute for Studies in Energy Policy, Xiamen University, People's Republic of China; Global Agenda Council on Decarbonizing Energy

Moderated by
John Deftarios, Editor, Emerging Markets and Anchor, CNN International, United Arab Emirates

14.45 - 15.30
The Loft - Loft BetaZone

164 thinking ahead/future health

Rebooting Healthcare

The data revolution is already transforming the healthcare landscape. How can latest innovations make healthcare more inclusive?

New Champions give three short talks on healthcare of the future:
- Advancing precision technologies to treat rare diseases
- Disrupting health through biotechnology innovation
- Changing doctor-patient relationships through information technologies

The Loft is across from the Congress Centre on Promenade.

With
Jonathan Adiri, Founder and Chief Executive Officer, Healthy.io, Israel; Young Global Leader
Jonathan Jackson, Founder and Chief Executive Officer, Dimagi, USA; Social Entrepreneur
Elizabeth O'Day, Founder and Chief Executive Officer, Olaris Therapeutics, USA; Global Shaper

Facilitated by
Seth F. Berkley, Chief Executive Officer, GAVI Alliance, Geneva
Thursday 21 January

15.00 - 16.00
Congress Centre - Aspen 1

165 platform economy

A New Platform for the Digital Economy

How can the emergence of digital platforms create a launch pad for innovation that benefits all?

On the agenda:
- New entrepreneurial opportunities
- Impact on employment and work
- Shift from product to service based models

Simultaneous interpretation in English and Mandarin Chinese

This session is webcast live.

Nathan Blecharczyk, Co-Founder and Chief Technology Officer, Airbnb, USA; Technology Pioneer
Pierre Nanterme, Chairman and Chief Executive Officer, Accenture, France
Chuck Robbins, Chief Executive Officer, Cisco, USA
Arun Sundararajan, Professor of Business; Rosen Faculty Fellow, New York University, USA
Susan Wojcicki, Chief Executive Officer, YouTube, USA

Moderated by
Jonathan Zittrain, Professor of Law and Professor of Computer Science, Harvard University, USA; Young Global Leader; Global Agenda Council on Social Media

15.00 - 16.00
Congress Centre - Aspen 2

166 time/weapons

What If: Robots Go to War?

Remarkable advances in artificial intelligence may soon have implications for the future of warfare. What if autonomous weapon systems replace both soldiers and generals?

Join in an in-depth discussion that explores the possible, plausible and probable impacts of artificial intelligence on defence systems.

This session was developed in partnership with TIME.

This session is televised and webcast live.

Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Sir Roger Carr, Chairman, BAE Systems, United Kingdom
Angela Kane, Senior Fellow, Vienna Center for Disarmament and Non-Proliferation, Austria; Global Agenda Council on Nuclear Security
Stuart Russell, Professor of Computer Science, University of California, Berkeley, USA; Global Agenda Council on Artificial Intelligence & Robotics
Alan Winfield, Hewlett-Packard Professor of Electronic Engineering, University of the West of England, United Kingdom

Moderated by
Michael Duffy, Deputy Managing Editor, Time Magazine, USA

15.00 - 15.30
Congress Centre - Transformation Hub

265 transformation hub/food systems

Achieving the Sustainable Development Goals: Hunger and Food Security

A profound change in the global food and agriculture system is needed if we are to nourish today’s 795 million hungry and the additional 2 billion people expected by 2050.

Explore in the Transformation Hub how the Sustainable Development Goal of ending hunger and ensuring food security can be achieved.

Please arrive early, as space is limited in the Transformation Hub.

Presented by
Gerda Verburg, Permanent Representative of the Netherlands to the United Nations Agencies in Rome; Global Agenda Council on Food & Nutrition Security
Thursday 21 January

15.00 - 15.30  Congress Centre - Virtual Reality Space

168 virtual reality 6

Virtual Reality: Collisions

Join a group experience of the virtual reality film, Collisions. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

Collisions is by acclaimed artist Lynette Wallworth, in partnership with Nyarri Morgan, an indigenous elder and artist. It is supported by the World Economic Forum, Sundance Institute and Ford Foundation, in partnership with Jaunt VR.

You can also experience the film on your own and at your own pace outside of scheduled session times.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With

Lynette Wallworth, Artist, Studio Wallworth, Australia

15.15 - 15.45  Congress Centre - Earth Space

170 earth time-lapse/resources 2

Earth Time-Lapse: The Race for Resources

Embark on a visual exploration that reveals humanity’s accelerating use of resources in our lifetime. The session features high-resolution satellite images from NASA’s Landsat programme, which provides the longest continuous global record of the Earth’s surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With

Ellen MacArthur, Founder, Ellen MacArthur Foundation, United Kingdom; Meta-Council on the Circular Economy

Randy Sargent, Senior Systems Scientist, Carnegie Mellon University, USA

15.15 - 15.45  Media Village - Issue Briefing Room

169 briefing/political islam

Issue Briefing: The Evolution of Political Islam

Learn first-hand about the influence of political Islam on the millennial generation in the Middle East, North Africa and the near abroad.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

Asmaa AbuMezied, Researcher and Advancement Fellow, Internet2, Palestinian Territories; Global Shaper

Ahmad Iravani, President and Executive Director, Center for the Study of Islam and the Middle East (CSIME), USA; Global Agenda Council on the Role of Faith

Youmna Naufal, Correspondent, Beirut, Future TV, Lebanon; Global Shaper

Moderated by

Oliver Cann, Head of Media Content, World Economic Forum
Thursday 21 January

15.30 - 16.30
Open Forum - Swiss Alpine High School - Auditorium
363 open forum/UN

A Social Contract to Transform Our World by 2030

Join this special session hosted by the United Nations at the Open Forum. Learn about the historic 2030 Agenda for Sustainable Development, which outlines common action on the 17 Sustainable Development Goals that were adopted by over 150 world leaders in September 2015.

Open Forum sessions take place at the Swiss Alpine High School (SAMD), which can be reached using public transport or the official shuttles. The bus stop is Postplatz.

Simultaneous interpretation in English and German

This session is webcast live.

Ban Ki-moon, Secretary-General, United Nations, New York

15.45 - 16.15
Congress Centre - Transformation Hub

171 perspectives 1

Photo Projection: Perspectives

An introduction to Perspectives, a series of large-scale animated images in the Projection Space; focusing on cultural heritage, biodiversity, oceans and climate change, the series explores the world’s extraordinary diversity and our responsibility to nurture it.

Perspectives is a special collaboration between the World Economic Forum and National Geographic.

Please arrive early, as place is limited in the Transformation Hub.

With
Joel Sartore, Contributing Photographer, National Geographic Magazine, USA

16.00 - 16.45
The Loft - *

366 loft/virtual peer 2

The Virtual Peer

Experience how virtual robotic systems have the potential to provide a range of social services such as therapy or coaching, or to become a friend and confidant.

The Virtual Peer is designed to help students who struggle in traditional classroom settings. Come test how technologies like language recognition software and digital animation are converging to revolutionize the way we teach and learn.

The Loft is across from the Congress Centre on the Promenade.

Introduced by
Justine Cassell, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Global Agenda Council on Artificial Intelligence & Robotics
**Thursday 21 January**

16.00 - 16.30
Congress Centre - Humanitarian Hub

**172 humanitarian hub/reconciliation**

**Building Peace from the Base**

How can new approaches to reconciliation build the foundation of peace and stability?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

**Located on the Lower Level of the Congress Centre**

Please arrive early, as seating is limited in the Humanitarian Hub.

**Discussion Leaders**

Isaac Castro García, Co-Founder, Emerge, USA; Global Shaper

Santos Carlos Alberto dos Cruz, Lieutenant General, Brazilian Army, Brazil

**Facilitated by**

Anna Macdonald, Director, Secretariat, Control Arms, USA

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16.00 - 16.30
Congress Centre - Congress Hall

**173 special session/li**

**Special Session with Li Yuanchao, Vice President of China**

A special session with Li Yuanchao, Vice President of China on providing new drivers for innovative growth in the global economy.

**Simultaneous interpretation in all languages**

This session is webcast live.

Li Yuanchao, Vice-President of the People’s Republic of China

**Chaired by**

Klaus Schwab, Founder and Executive Chairman, World Economic Forum

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16.15 - 16.45
Congress Centre - Sertig

**174 mental healthcare**

**Disrupting Mental Healthcare**

Mental healthcare is in need of disruptive innovation, given the magnitude of the treatment and cost challenges. How are social entrepreneurs and technology pioneers breaking with the past to fight mental illness?

Li Yuanchao

**Chaired by**

Klaus Schwab, Founder and Executive Chairman, World Economic Forum

**Moderated by**

Shekhar Saxena, Director, Department of Mental Health and Substance Abuse; Global Agenda Council on Mental Health

Jen Hyatt, Founder and Chief Executive, Big White Wall, United Kingdom; Social Entrepreneur

Anmol Madan, Co-Founder and Chief Executive Officer, Ginger.io, USA
Thursday 21 January

16.15 - 16.45
Media Village - Issue Briefing Room

359 briefing/us healthcare

Issue Briefing: The Future of Healthcare in the United States

Learn in depth about how the Affordable Care Act is leading the United States towards a healthcare system that rewards doctors based on quality rather than quantity of care, and about the role of high-cost drugs, personalized medicine and payment reform in this transformation.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

Sylvia Mathews Burwell, US Secretary of Health and Human Services; Young Global Leader Alumnus

Moderated by
Jon Hilsenrath, Chief Economic Correspondent, Wall Street Journal, USA

16.30 - 17.30
Congress Centre - Schwarzhorn BetaZone

175 betazone/conflict

The Human Face of Conflict

Go behind the scenes with photographer Platon and filmmaker Sharmeen Obaid Chinoy to meet those living and working in conflict zones.

This session is filmed and will be available on the World Economic Forum website at a later date.

Platon Antoniou, Photographer, People's Portfolio, USA
Sharmeen Obaid Chinoy, Documentary Filmmaker, SOC Films, Pakistan; Young Global Leader

Moderated by
Michael Oreskes, Head of News, Editorial Director and Senior Vice-President, National Public Radio, USA

16.30 - 17.30
The Loft - Loft BetaZone

180 loft/betazone digital masterpiece

The Digital Masterpiece

Explore the breakthrough technologies that are changing our personal relationship with art and heritage with media artist Sarah Kenderdine and mathematician Martin Vetterli.

The Loft is across from the Congress Centre on Promenade.

Sarah Kenderdine, Professor and Director, Expanded Perception and Interaction Centre, University of New South Wales, Australia
Martin Vetterli, President, National Research Council, Swiss National Science Foundation (SNSF), Switzerland

Moderated by
Paola Antonelli, Senior Curator, Architecture and Design; Director, Research and Development, Museum of Modern Art, USA
Thursday 21 January

16.30 - 17.45
Hilton Garden Inn - -

181 refugee experience 6

A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

16.30 - 17.30
Congress Centre - Seehorn Arena

178 debate/inclusive growth

Forum Debate: The Politics of Inequality

Despite evidence that reducing inequality triggers higher growth, there is no political consensus on how to achieve greater equity. How can economies reduce inequality without hampering incentives to work, save and invest?

This session is part of the Forum Debate series on today's dilemmas in economics, politics and society.

This session is filmed and will be available on the World Economic Forum website at a later date.

Chrystia Freeland, Minister of International Trade of Canada; Young Global Alumnus
Angel Gurría, Secretary-General, Organisation for Economic Co-operation and Development (OECD), Paris
Ricardo Hausmann, Director, Center for International Development, Harvard Kennedy School of Government, USA; Global Agenda Council on the Future of Manufacturing
Richard Samans, Head of the Centre for the Global Agenda, Member of the Managing Board, World Economic Forum
Joseph E. Stiglitz, Professor, School of International and Public Affairs (SIPA), Columbia University, USA

Moderated by
Zanny Minton Beddoes, Editor-in-Chief, The Economist, United Kingdom

16.30 - 17.45
Congress Centre - Jakobshorn

179 institutional/arctic

Safeguarding the Arctic

Large hydrocarbon deposits, new shipping routes and a growing population have turned the Arctic into a region of growing strategic importance. How can we develop the Arctic while preserving the integrity of its unique and important ecosystem?

This session is for Forum Members and Partners active or interested in the Global Challenge Initiative on Environment and Natural Resource Scarcity.

Inger Andersen, Director-General, International Union for Conservation of Nature (IUCN), Switzerland
Scott Minerd, Chief Investment Officer, Guggenheim Partners, USA; Global Agenda Council on the Arctic
Naomi Oreskes, Professor of the History of Science, Harvard University, USA

Moderated by
Jonas Gahr Store, Leader, Labour Party, Norway; Global Agenda Council on the Arctic

Closing Remarks by
James G. Stavridis, Dean, The Fletcher School of Law and Diplomacy, Tufts University, USA; Global Agenda Council on Cyber Security
Thursday 21 January

16.30 - 17.30
Congress Centre - Wisshorn xChange

176 business series/going long

Leading for the Long Term

Amid continuing market pressures and political uncertainties, what bold choices are chief executives making in their organizations for a stable and sustainable future?

On the agenda:
- Reframing the role of the chief executive
- Removing known biases from decision-making
- Acknowledging culture as competitive advantage

Nicky Newton-King, Chief Executive Officer, JSE, South Africa; Young Global Leader Alumnus

David T. Seaton, Chairman and Chief Executive Officer, Fluor Corporation, USA

Dov Seidman, Founder and Chief Executive Officer, LRN, USA

Mark Weinberger, Global Chairman and Chief Executive Officer, EY, USA

Tracy Wolstencroft, Chief Executive Officer, Heidrick & Struggles International, USA

Moderated by
Katherine Garrett-Cox, Chief Executive Officer, Alliance Trust Investments, United Kingdom; Young Global Leader; Global Agenda Council on Values

16.40 - 17.40
Congress Centre - Sanada

177 cctv/china manufacturing

The Future of "Made in China"

How is the new generation of Chinese entrepreneurs rebranding “China Inc.” at home and abroad?

This session was developed in partnership with CCTV.

Simultaneous interpretation in English and Mandarin Chinese

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Oleg V. Deripaska, President, RUSAL, Russian Federation

Justin Lin, Professor, National School of Development, Peking University, People's Republic of China

Neil Shen Nan Peng, Founding and Managing Partner, Sequoia Capital China, Hong Kong SAR

Amy Wilkinson, Lecturer, Stanford Graduate School of Business, USA

Xu Jinghong, Chairman, Tsinghua Holdings, People's Republic of China

Moderated by
Li Sixuan, Host, Business Channel, China Central Television (CCTV), People's Republic of China

16.45 - 17.45
Congress Centre - Aspen 2

182 debate/fossil fuels

Forum Debate: Fossil Fuel Futures

Given regulatory and market changes, should energy companies and investors be planning for a post-fossil fuel future?

This session is part of the Forum Debate series on today's dilemmas in economics, politics and society.

This session is webcast live.

Christiana Figueres, Executive Secretary, United Nations Framework Convention on Climate Change (UNFCCC), Bonn

Kenneth A. Hersh, Founder and Chief Executive Officer, NGP Energy Capital Management, USA

Tina Joemat-Pettersson, Minister of Energy of South Africa

Enrique Ochoa Reza, Chief Executive Officer, Comision Federal de Electricidad (CFE), Mexico

Patrick Pouyanné, Chairman, Chief Executive Officer and President of the Executive Committee, Total, France

Moderated by
Martin Wolf, Associate Editor and Chief Economics Commentator, Financial Times, United Kingdom; Global Agenda Council on New Growth Models
Thursday 21 January

16.45 - 17.15
Congress Centre - Virtual Reality Space

344 future health

**Shaping the Future of Health**

With only 20% of health outcomes actually depending on the healthcare sector, what are the most effective strategies to promote healthier populations?

On the agenda:
- Designing healthy public policy
- Creating supportive environments to improve outcomes
- Reorienting health services to promote prevention

This session is webcast live.

**Olivier Brandicourt**, Chief Executive Officer, Sanofi, France

**Paul Bulcke**, Chief Executive Officer, Nestlé, Switzerland

**Frans van Houten**, President and Chief Executive Officer, Royal Philips, Netherlands

**Risa Lavizzo-Mourey**, Chief Executive Officer and President, Robert Wood Johnson Foundation (RWJF), USA

**Edith Schippers**, Minister of Health, Welfare and Sport of the Netherlands

**Moderated by**

**Francis S. Collins**, Director, National Institutes of Health, USA; Global Agenda Council on the Future of the Health Sector

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16.45 - 17.15
Congress Centre - Virtual Reality Space

185 special screening/clouds over sidra

**Clouds Over Sidra**

Join a special screening of this virtual-reality experience to embark on an immersive journey into the daily life of Sidra, a young Syrian girl living in a refugee camp in Jordan.

**Clouds Over Sidra** was commissioned by the United Nations and created by Gabo Arora and Chris Milk.

**Located on the Middle Level of the Congress Centre**

Please arrive early, as seating is limited in the Virtual Reality Space.

With

**Gabo Arora**, Filmmaker and Senior Advisor, United Nations Development Programme (UNDP), USA

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17.00 - 18.00
Media Village - Issue Briefing Room

186 shaping davos

**Public Service and Millennials: Closing the Generational Gap**

Millennials consistently rate the public sector as least adapted to their current needs and future expectations. How can the public sector attract the best and the brightest from future generations?

On the agenda:
- Understanding the nature of the growing generational disconnect
- Engaging millennials at the municipal, state and national levels
- Redesigning career paths in public service

Global Shapers communities in Monterrey, Mumbai, Tunis and Kyiv will join the discussion online.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

**Scott Brison**, President of the Treasury Board of Canada; Young Global Leader

**Paolo Gallo**, Chief Human Resources Officer, Member of the Executive Committee, World Economic Forum

**Moderated by**

**Younna Naufal**, Correspondent, Beirut, Future TV, Lebanon; Global Shaper
17.45 - 18.45
Congress Centre - Congress Hall

The New Climate and Development Imperative

How will the foremost climate and sustainable development partnerships catalyse action in 2016?

On the agenda:
- Implications of the political intent demonstrated in 2015
- Drivers of action for development and climate targets
- Role of technology in improving ambition over time

Simultaneous interpretation in all languages

This session is webcast live.

Introduced by
Ban Ki-moon, Secretary-General, United Nations, New York
Sharan Burrow, General Secretary, International Trade Union Confederation (ITUC), Brussels; Co-Chair of the World Economic Forum Annual Meeting 2016; Meta-Council on the Circular Economy
Daniel Kablan Duncan, Prime Minister of Côte d’Ivoire
Laurent Fabius, Minister of Foreign Affairs and International Development of France
Paul Polman, Chief Executive Officer, Unilever, United Kingdom
Erna Solberg, Prime Minister of Norway

Chaired by
Jim Yong Kim, President, World Bank, Washington DC

18.00 - 19.00
Congress Centre - Sanada

The 21st-Century Dream

From unlimited consumption to universal democracy, the great dreams of the 20th century are rapidly fading. What dreams and ideals are inspiring young generations around the globe?

This session was developed in partnership with Univision.

Simultaneous interpretation in English and Spanish

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

William Adams, Founder, I.Am.Angel Foundation, USA
Nathan Blecharczyk, Co-Founder and Chief Technology Officer, Airbnb, USA; Technology Pioneer
Muhtar A. Kent, Chairman of the Board and Chief Executive Officer, The Coca-Cola Company, USA
Matsi Modise, Managing Director, SiMODiSA Start-Up, South Africa; Global Shaper
Rodrigo Teijeiro, Founder and Chief Executive Officer, RecargaPay, Argentina; Young Global Leader

Moderated by
Enrique Acevedo, Anchor, Univision, USA

18.30 - 19.30
Congress Centre - Aspen 2

Culture and the Fourth Industrial Revolution

Join this special session opening with the first-ever large-scale collective viewing of a virtual reality film, followed by an intergenerational discussion on the stewardship of our planet for future generations. This session features the world premiere of the virtual reality film, Collisions.

Collisions, by Lynette Wallworth, takes participants on a journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

This session is webcast live.

Alanda Kariza, Business Director, Sinergi Muda, Indonesia; Global Shaper
Nyarri Morgan, Artist, Martumili Artists, USA
Lynette Wallworth, Artist, Studio Wallworth, Australia

Moderated by
Michael Oreskes, Head of News, Editorial Director and Senior Vice-President, National Public Radio, USA
Thursday 21 January

18.30 - 20.00
Open Forum - Swiss Alpine High School - Auditorium
190 open forum/privacy

Privacy and Secrecy in the Digital Age

In an age of terrorism, threats are increasingly hard to detect and prevent. Governments claim the need for greater security and seek to monitor global communications, while citizens, more willing than ever to share, demand greater protection of their digital privacy. How has the information age changed the way we think about and value privacy and secrecy?

- How are secrets being used as an instrument of power?
- How do priorities differ between age groups and cultures?
- How can companies balance consumer and government expectations for secrecy and security?
- How have information security measures changed societies?

This session is held in partnership with VICE News.

The Open Forum series, held in parallel with the official programme, offers the local Swiss community and global public an opportunity to engage and interact with experts on global issues.

Open Forum sessions take place at the Swiss Alpine High School (SAMD), which can be reached using public transport or the official shuttles. The bus stop is Postplatz.

Simultaneous interpretation in English and German

This session is webcast live.

Alexander De Croo, Deputy Prime Minister and Minister of Development Cooperation, the Digital Agenda, Telecommunications and Postal Services of Belgium; Young Global Leader; Global Agenda Council on Europe
Bassim Haidar, Group Founder and Chief Executive Officer, Channel IT Group, United Arab Emirates
Darrell E. Issa, Congressman from California (Republican), 49th District, USA
Salil Shetty, Secretary-General, Amnesty International, United Kingdom; Global Agenda Council on Fragility, Violence & Conflict
Amira Yahyaoui, Founder and Chair, Al Bawsala, Tunisia; Co-Chair of the World Economic Forum Annual Meeting 2016; Global Shaper

Moderated by
Jason Mojica, Editor-in-Chief, Vice News, USA

18.45 - 20.00
Congress Centre - Congress Hall Lobby
191 tianjin reception

Annual Meeting of the New Champions 2016 Reception

Tianjin, the host city of the Annual Meeting of the New Champions 2016, presents the magnificent Peking Opera, a classical music ensemble and local delicacies from Tianjin.

The Annual Meeting of the New Champions 2016 will take place in Tianjin on 26-28 June.

Zhao Haishan, Vice-Mayor of Tianjin, cordially invites you to celebrate the Chinese Lunar New Year of the Monkey in snowy Davos.

20.00 - 22.00
Ameron Swiss Mountain Hotel - Symondpark 2, 3
193 creative curricula

Creative Curricula

“Every child is an artist, the problem is staying an artist when you grow up.”
– Pablo Picasso

What new ways of learning are radically changing the education of our children?

Discussion Leaders
Frank Fredericks, Executive Director, World Faith, USA; Global Shaper
Susan Goldberg, Editor-in-Chief, National Geographic Magazine, USA
John Green, Novelist and YouTuber, vlogbrothers, USA
Lino Guzzella, President and Professor, ETH Zurich, Switzerland
Beau Lotto, Professor of Neurobiology, University College London (UCL), United Kingdom
Illah Nourbakhsh, Professor, Robotics Institute, Carnegie Mellon University, USA

Moderated by
Jonathan Zittrain, Professor of Law and Professor of Computer Science, Harvard University, USA; Young Global Leader; Global Agenda Council on Social Media
20.00 - 22.00
Ameron Swiss Mountain Hotel - Symondpark 1

Food for Change

How can the choice and composition of food become a force for positive change?

Join this specially created dinner with culinary professor and entrepreneur David Hertz to experience and explore the power of food as a catalyst for change.

**Discussion Leaders**
David Hertz, Founder and Managing Director, Gastromotiva, Brazil; Young Global Leader
Matan Hoffmann, Social Entrepreneur, Table for Two, Israel; Global Shaper
Samuel Kass, Chef and Nutritionist, USA
Olav Fykse Tveit, General Secretary, World Council of Churches (WCC), Switzerland

**Special Remarks by**
Jim Yong Kim, President, World Bank, Washington DC

**Moderated by**
Paola Antonelli, Senior Curator, Architecture and Design; Director, Research and Development, Museum of Modern Art, USA

20.00 - 22.00
Hotel Derby - Thomasmannsaal

195 institutional/europe

The Fourth Industrial Revolution: Setting the Agenda for Europe

With prosperity and progress as a common priority, how can Europe harness the potential of the Fourth Industrial Revolution?

This session is for Forum Members and Partners active or interested in the Regional Business Council on Europe.

**Discussion Leaders**
Alexander De Croo, Deputy Prime Minister and Minister of Development Cooperation, the Digital Agenda, Telecommunications and Postal Services of Belgium; Young Global Leader; Global Agenda Council on Europe
Jean-Pascal Duvieusart, Member of the Board, PPF Group, Czech Republic
Werner Hoyer, President, European Investment Bank (EIB), Luxembourg; Global Agenda Council on Competitiveness
Gisbert Ruehl, Chief Executive Officer, Klöckner, Germany

**Remarks by**
 Günther H. Oettinger, Commissioner, Digital Economy and Society, European Commission, Brussels
Mark Rutte, Prime Minister of the Netherlands

**Moderated by**
Martina Larkin, Head of Europe and Eurasia, Member of the Executive Committee, World Economic Forum
Peace and Progress

“The pursuit of peace and progress, with its trials and its errors, its successes and its setbacks, can never be relaxed and never abandoned.”
– Dag Hammarskjöld

Five years after the Arab Spring, what can we learn from recent Tunisian Nobel Peace Prize Laureates to continue regional and international dialogues for reconciliation and progress?

Simultaneous interpretation in English and French

Discussion Leaders
Ouided Bouchamaoui, President, Tunisian Union for Industry, Commerce and Handicrafts (Utica), Tunisia
Yasmine Brahimi, Minister of Development, Investment and International Cooperation of Tunisia
Pierre Issa, Co-Founder and Chief Executive Officer, arcenciel, Lebanon; Social Entrepreneur
Mogens Lykketoft, President of the United Nations General Assembly, United Nations, New York
Mohamed Fadhel Mahfoudh, President, Tunisian Order of Lawyers, Tunisia

Special Remarks by
Habib Essid, Head of Government of Tunisia

Moderated by
Al Gore, Vice-President of the United States (1993-2001); Chairman and Co-Founder, Generation Investment Management, USA; Meta-Council on the New Architecture of Governance

Sci-Fi Dreams

From invisibility cloaks to printable body parts, past science fiction visions are becoming reality. Join leading scientists and technologists over dinner to write the science fiction of tomorrow.

Discussion Leaders
Eric Anderson, Chairman, Planetary Holdings, USA; Young Global Leader
Isaac Castro Garcia, Co-Founder, Emerge, USA; Global Shaper
Michelle Dipp, Co-Founder and Chief Executive Officer, OvaScience, USA; Young Global Leader
Henry T. Greely, Deane F. and Kate Edelman Johnson Professor of Law, Stanford University, USA
W. Patrick McCray, Professor of History, University of California, Santa Barbara, USA
Mary Ryan, Professor of Materials Science and Nanotechnology, Imperial College London, United Kingdom

Moderated by
Gareth Mitchell, Lecturer, Broadcast Communication, Imperial College London, United Kingdom

The Soul of the City

“Rome represents conquest; faith hovers over the towers of Jerusalem; and Athens embodies the pre-eminent quality of the antique world, art.”
– Benjamin Disraeli

What defines the soul of a great city?

With
Vitaly Klitschko, Mayor of Kyiv, Ukraine
Naheed Nenshi, Mayor of Calgary, Canada; Young Global Leader

Discussion Leaders
Ton Büchner, Chief Executive Officer and Chairman of the Board of Management, Akzo Nobel, Netherlands
Olafur Eliasson, Artist, Studio Olafur Eliasson, Germany; Young Global Leader
Tim Jones, Chief Executive Officer, Artscape, Canada; Social Entrepreneur
Park Won-Soon, Mayor of Seoul, Republic of Korea
Elif Shafak, Author, Turkey
Masao Uchibori, Governor of Fukushima, Japan

Moderated by
Carol Becker, Dean of Faculty, School of the Arts, Columbia University, USA
Thursday 21 January

20.00 - 22.00
Hotel Grischa - Schatzalp-Parsenn

341 leading change

Leading Change with Harvard Business School

"What we achieve inwardly will change outer reality."
– Plutarch

How can we combat our blind spots today to effectively lead change for the future?

This dinner is hosted in collaboration with Harvard Business School.

Introduced by
Nitin Nohria, Dean, Harvard Business School, USA

Discussion Leaders
William W. George, Senior Fellow, Harvard Business School, USA; World Economic Forum USA Foundation Board Member
Linda A. Hill, Professor of Business Administration, Harvard Business School, USA

Moderated by
Adi Ignatius, Editor-in-Chief, Harvard Business Review Group, USA
Mindfulness Meditation

Mindfulness meditation is the art of paying attention in the present moment, intentionally and non-judgementally.

Start the day with mindfulness expert Jon Kabat-Zinn to learn and experience the benefits of meditation.

With
Jon Kabat-Zinn, Professor of Medicine Emeritus, University of Massachusetts Medical School, University of Massachusetts, USA

The Year Ahead: The Economic Outlook for the Eurozone

Join a special conversation with Mario Draghi, President of the European Central Bank, on monetary policy and economic growth in the Eurozone.

This session is webcast live.

Mario Draghi, President, European Central Bank, Frankfurt

Interviewed by
Lionel Barber, Editor, Financial Times, United Kingdom

Engineering Revolutions

Learn from Edward Boyden, winner of the 2016 Breakthrough Prize in Life Sciences and pioneer in optogenetics, about how to overcome conventional thinking and accelerate ideas into revolutionary ventures.

This session is filmed and will be available on the World Economic Forum website at a later date.

Edward Boyden, Associate Professor, Media Lab and McGovern Institute, Massachusetts Institute of Technology (MIT), USA; Young Scientist

Moderated by
Linda A. Hill, Professor of Business Administration, Harvard Business School, USA
208 loft/betazone archaeological discoveries

Incredible Archaeological Discoveries

Explore what recent archaeological discoveries – such as the Göbekli Tepe site in Turkey – can teach us about the rise and fall of civilizations.

The Loft is across from the Congress Centre on Promenade.

Ian Morris, Willard Professor of Classics; Professor of History, Stanford University, USA
Mehmet Ozdogan, Archaeologist, Istanbul University, Turkey

Moderated by
Susan Goldberg, Editor-in-Chief, National Geographic Magazine, USA

09.00 - 10.00
Congress Centre - Seehorn Arena

204 debate/affordable healthcare

Forum Debate: A Cure We Can Afford

From prescription drugs to proton beam therapy, are we paying too much for modern medicine?

This session is part of the Forum Debate series on today’s dilemmas in economics, politics and society.

Ezekiel Emanuel, Vice-Provost, Global Initiatives and Professor of Medical Ethics and Health Policy, Perelman School of Medicine, University of Pennsylvania, USA; Meta-Council on the Future of Health
Nita A. Farahany, Professor, Law and Philosophy, Duke University, USA
Malvinder Mohan Singh, Executive Chairman, Fortis Healthcare, India; Young Global Leader Alumnus
Simon Stevens, Chief Executive Officer, NHS England, United Kingdom
Mark Trudeau, Chief Executive Officer, Mallinckrodt, USA

Moderated by
Jeffrey M. Drazen, Editor-in-Chief, The New England Journal of Medicine, USA

09.00 - 10.15
Congress Centre - Flüela IdeasLab

205 ideaslab/stanford

The Neural Basis of Decision-Making: The Stanford University IdeasLab

How is brain research revealing the mysteries of decision-making?

Idea 1: Molecular mechanisms of reward and aversion
Idea 2: Applying neuro-scientific findings to enduring social problems
Idea 3: Neuro-forecasting internet market success
Idea 4: Looking to ants to better understand collective behaviour

This session is filmed and will be available on the World Economic Forum website at a later date.

Discussion Leaders
Deborah M. Gordon, Professor of Biology, Stanford University, USA
Keith Humphreys, Professor of Psychiatry and Behavioural Sciences, Stanford University, USA
Brian Knutson, Associate Professor of Psychology and Neuroscience, Stanford University, USA
Robert Malenka, Professor of Psychiatry and Behavioural Sciences, Stanford University, USA

Facilitated by
Francis S. Collins, Director, National Institutes of Health, USA; Global Agenda Council on the Future of the Health Sector
Carbon Reduction Technologies: The University of Cambridge IdeasLab

How will breakthroughs in carbon reduction technologies transform industries?

Discover and debate in the IdeasLab:

Idea 1: Decarbonizing industrial-scale processes using virtual avatars
Idea 2: Self-healing concrete for low-carbon infrastructure
Idea 3: Improving solar materials efficiency using quantum mechanics
Idea 4: Quantum materials for zero-loss transmission of electricity

The Loft is across from the Congress Centre on Promenade.

Introduction by

Al Gore, Vice-President of the United States (1993-2001); Chairman and Co-Founder, Generation Investment Management, USA; Meta-Council on the New Architecture of Governance

Discussion Leaders

Richard Friend, Cavendish Professor and Head of the Optoelectronics Group, University of Cambridge, United Kingdom
Markus Kraft, Executive Director, Singapore-Cambridge CREATE Research Centre; Professor, Department of Chemical Engineering and Biotechnology, University of Cambridge, United Kingdom; Global Agenda Council on Nanotechnology
Suchitra Sebastian, University Lecturer, Department of Physics, Cavendish Laboratory, University of Cambridge, United Kingdom; Young Scientist
Abir Al-Tabbaa, Professor of Civil and Environmental Engineering, University of Cambridge, United Kingdom

Facilitated by

Jim Leape, Consulting Professor, Woods Institute for the Environment, Stanford University, USA; Global Agenda Council on Governance for Sustainability

Marcos Souza, Secretary of Innovation of Brazil

Discussion Leaders

Tim Bozik, President, Global Product, Pearson, USA
Rosalind L. Hudnell, President, Intel Foundation; Vice-President, Corporate Affairs Group, Intel Corporation, USA
Shannon May, Co-Founder and Chief Development Officer, Bridge International Academies, Kenya; Social Entrepreneur
Illah Nourbakhsh, Professor, Robotics Institute, Carnegie Mellon University, USA
Vikas Pota, Chief Executive, Varkey Foundation, United Kingdom; Young Global Leader

Facilitated by

James Mwangi, Executive Director, Dalberg, South Africa; Young Global Leader

World Economic Forum Annual Meeting 2016 - Programme 78
Friday 22 January

09.00 - 10.00
Congress Centre - Sertig

210 stop to think/privacy

Stop to Think: Privacy vs Information

How can we balance the desire for privacy with the benefit of sharing information to improve service delivery and public safety?

Start the day with an informal conversation to explore and reflect on how technology is shaping values, activities and choices.

Dmitri Alperovitch, Co-Founder and Chief Technology Officer, CrowdStrike, USA
Hannah Dawson, Lecturer, History of Political Thought, King's College London, United Kingdom
Rupert Duchesne, Group Chief Executive, Aimia, Canada
Hugh Martin, Chief Executive Officer, Sensity Systems, USA

09.15 - 09.45
Congress Centre - Earth Space

213 earth time-lapse/climate 3

Earth Time-Lapse: The Climate Crisis

Embark on a visual exploration that reveals the accelerating effects of climate change in our lifetime. The session features high-resolution satellite images from NASA's Landsat Program, which provides the longest continuous global record of the Earth’s surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With
Naomi Oreskes, Professor of the History of Science, Harvard University, USA
Lord Nicholas Stern, President, The British Academy, United Kingdom

09.15 - 10.15
Congress Centre - Aspen 1

215 russia outlook

The Outlook for Russia

What will be Russia’s geo-economic and political priorities in 2016?

On the agenda:
- Macroeconomic pressure and low energy prices
- New trade and investment partnerships with Asia
- Evolution of international security cooperation

This session is webcast live.

Vladimir A. Dmitriev, Chairman, State Corporation Bank for Development and Foreign Economic Affairs (Vnesheconombank), Russian Federation
Wolfgang Ischinger, Chairman, Munich Security Conference, Germany
Alexei Kudrin, Professor and Dean, School of Liberal Arts and Sciences, Saint Petersburg State University, Russian Federation; Global Agenda Council on Russia
Elizaveta Osetinskaya, Editorial Director, RBC Media Holding, Russian Federation; Young Global Leader
Yury Trutnev, Deputy Prime Minister of the Russian Federation

Moderated by
Ian Bremmer, President, Eurasia Group, USA; Young Global Leader Alumnus; Global Agenda Council on Geo-economics
Issue Briefing: Rethinking Plastics

Learn first-hand how systemic change can create a New Plastics Economy, turning the $80-$120 billion worth of plastic packaging that is burnt, buried or dumped into the environment each year into an opportunity.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

Jean-Louis Chaussade, Chief Executive Officer, SUEZ, France; Global Agenda Council on Water
Ellen MacArthur, Founder, Ellen MacArthur Foundation, United Kingdom; Meta-Council on the Circular Economy
Dominic Kailash Nath Waughray, Head of Public-Private Partnership, Member of the Executive Committee, World Economic Forum

Moderated by
Oliver Cann, Head of Media Content, World Economic Forum

Visualizing Fragility

How can data visualization shine a light on fragility and help to improve resilience?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

Located on the Lower Level of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders
Anton du Plessis, Executive Director, Institute for Security Studies (ISS), South Africa; Young Global Leader; Global Agenda Council on Fragility, Violence & Conflict
Bruno Sánchez-Andrade Nuño, Data Scientist, Innovation Labs, World Bank, Washington DC; Young Global Leader; Global Agenda Council on Space

Facilitated by
Mina Al-Oraibi, World Fellow, Yale University, United Kingdom; Young Global Leader; Global Agenda Council on the Middle East and North Africa

With
Beau Lotto, Professor of Neurobiology, University College London (UCL), United Kingdom
Michael Platt, Professor of Neuroscience; Professor of Psychology; Professor of Marketing, Wharton School, University of Pennsylvania, USA

Facilitated by
Jennifer Petriglieri, Assistant Professor of Organizational Behaviour, INSEAD, France
Friday 22 January

09.15 - 10.15
Congress Centre - Aspen 2

211 al arabiya/arab economies

The Future of Economic Reform in the Arab World

In an era of low oil prices and protracted conflict, how can Arab economies advance necessary reforms?

On the agenda:
- Implementing energy reforms
- Modernizing non-oil sectors
- Investing in skills and know-how

This session was developed in partnership with Al Arabiya.

Simultaneous interpretation in English and Arabic

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Suhail Bin Mohammed Al Mazrouei, Minister of Energy of the United Arab Emirates
Khalid Al Rumaihi, Chief Executive, Bahrain Economic Development Board, Bahrain
Anas Khalid Al Saleh, Deputy Prime Minister; Minister of Finance; Acting Minister of Oil of Kuwait

Moderated by
Nadine Hani, Senior Presenter, Al Arabiya News Channel, United Arab Emirates

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09.15 - 10.15
Congress Centre - Sanada

218 yahoo/global debt

The Global Debt Dilemma

Will rapidly growing sovereign, corporate and private debt lead to the next global economic shock?

This session was developed in partnership with Yahoo.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Barry M. Gosin, Chief Executive Officer, Newmark Grubb Knight Frank, USA
Justin Lin, Professor, National School of Development, Peking University, People's Republic of China
Elvira Nabiullina, Governor of the Central Bank of the Russian Federation
Alfonso Prat-Gay, Minister of Finance of Argentina
Kenneth Rogoff, Thomas D. Cabot Professor of Public Policy and Professor of Economics, Harvard University, USA

Moderated by
Andy Serwer, Editor-in-Chief, Yahoo Finance News, USA

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09.15 - 09.45
Congress Centre - Transformation Hub

76 transformation hub/energy 1

Achieving the Sustainable Development Goals: Energy Security

Energy security is central to nearly every global challenge and transformation in the world today. Access to energy for all is essential, whether for jobs, international security, food production, or addressing climate change and increasing inequality.

Explore in the Transformation Hub how the Sustainable Development Goal of ensuring access to affordable, reliable, sustainable and modern energy for all can be achieved.

Please arrive early, as space is limited in the Transformation Hub.

Facilitated by
Lars G. Josefsson, Professor, Brandenburg University of Technology (BTU), Germany; Global Agenda Council on Decarbonizing Energy
Friday 22 January

**Virtual Reality: Collisions**

Join a group experience of the virtual reality film, *Collisions*. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

*Collisions* is by acclaimed artist Lynette Wallworth, in partnership with Nyarri Morgan, an indigenous elder and artist. It is supported by the World Economic Forum, Sundance Institute and Ford Foundation, in partnership with Jaunt VR.

You can also experience the film on your own and at your own pace outside of scheduled session times.

**Located on the Middle Level of the Congress Centre**

Please arrive early, as seating is limited in the Virtual Reality Space.

**With**

Lynette Wallworth, Artist, Studio Wallworth, Australia

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10.00 - 10.30

Congress Centre - Robot Space

10.00 - 10.45

The Loft - *

**Meet the Robot**

Discover how advanced robotics will transform disaster response, with the Korea Advanced Institute for Science and Technology (KAIST), 2015 DARPA Robotics Challenge winner and developer of HUBO, a multifunctional walking humanoid robot.

**Located on the Lower Level of the Congress Centre, next to the Information and Sign Up Desk**

**With**

Oh Jun-Ho, Professor, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea

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**The Virtual Peer**

Experience how virtual robotic systems have the potential to provide a range of social services such as therapy or coaching, or to become a friend and confidant.

The Virtual Peer is designed to help students who struggle in traditional classroom settings. Come test how technologies like language recognition software and digital animation are converging to revolutionize the way we teach and learn.

**The Loft is across from the Congress Centre on the Promenade.**

**Introduced by**

Justine Cassell, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Global Agenda Council on Artificial Intelligence & Robotics
Rebuilding Fukushima: Lessons for the World

Learn first-hand about the scientific and sociological challenges of rebuilding a community devastated by an unprecedented natural and technological disaster.

The Issue Briefing room is located in the Media Village.

Simultaneous interpretation in English and Japanese

This session is webcast live.

Masao Uchibori, Governor of Fukushima, Japan

Moderated by Yoichi Funabashi, Chairman, Rebuild Japan Initiative Foundation (RJIF), Japan; Global Agenda Council on Nuclear Security

Securing the Middle East and North Africa

How can regional leaders and the global community work together to bring stability to the Middle East and North Africa?

Simultaneous interpretation in all languages

This session is webcast live.

Haidar Al Abadi, Prime Minister of Iraq
Tammam Saeb Salam, President of the Council of Ministers of Lebanon

Chaired by Christiane Amanpour, Chief International Correspondent, CNN, United Kingdom

The Road Safety Challenge

Each year, 1.3 million people die in road accidents around the world despite advances in safety technology, which is why halving the number of global deaths and injuries from road traffic accidents by 2020 is among the Sustainable Development Goals. Explore innovative approaches to this deadly development challenge.

This session is filmed and will be available on the World Economic Forum website at a later date.

Hugh Martin, Chief Executive Officer, Sensity Systems, USA
Luis Alberto Moreno, President, Inter-American Development Bank, Washington DC
Jean Todt, President, Fédération Internationale de l’Automobile (FIA), France

Moderated by Bertrand Badre, Chief Financial Officer, World Bank Group; Managing Director, World Bank, Washington DC; Global Agenda Council on Sustainable Development
Friday 22 January

10.45 - 12.00
Hilton Garden Inn - -

225 refugee experience 7

A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

10.45 - 12.00
Congress Centre - Wisshorn xChange

223 institutional/energy access

Catalysing Clean Power

Over 1.3 billion people, most of whom are located in developing Asia and Africa, still have no access to electricity, much less renewable energy. How can we scale clean energy investment to meet developing-country needs?

This session is for Forum Members and Partners active or interested in the Clean Energy Alliance.

Opening Remarks by
Robert Bocca, Head of Energy Industries, Member of the Executive Committee, World Economic Forum

Akinwumi Ayodeji Adesina, President, African Development Bank (AfDB), Abidjan
Tony O. Elumelu, Chairman, Heirs Holding, Nigeria
Angel Gurria, Secretary-General, Organisation for Economic Co-operation and Development (OECD), Paris
Rachel Kyte, Special Representative of the Secretary-General and Chief Executive Officer, United Nations - Sustainable Energy for All, Vienna; Global Agenda Council on Climate Change

Takehiko Nakao, President, Asian Development Bank, Manila
Francesco Starace, Chief Executive Officer and General Manager, Enel, Italy

Moderated by
Bronwyn Nielsen, Editor-in-Chief and Executive Director, CNBC Africa, South Africa

Closing Remarks by
Francis Gatara, Chief Executive Officer, Rwanda Development Board (RDB), Rwanda; Global Agenda Council on Africa

10.45 - 12.00
Congress Centre - Jakobshorn

224 institutional/ocean governance

Sustaining Ocean Economies

Pressures on the ocean from overfishing, waste and climate change are increasing worldwide, yet solutions appear limited. How can we foster a more sustainable use of the oceans?

This session is for Forum Members and Partners active or interested in the Global Challenge Initiative on Environment and Resource Security.

Introduced by
Albert II of Monaco, Prince of Monaco
Luc Bertrand, Chairman of the Executive Committee and Chief Executive Officer, Ackermans & Van Haaren, Belgium
Victor L. L. Chu, Chairman and Chief Executive Officer, First Eastern Investment Group, Hong Kong SAR
Anisa Kamadoli Costa, Chairman and President, The Tiffany & Co. Foundation, Tiffany & Co., USA; Global Agenda Council on the Future of Mining & Metals
Marco Lambertini, Director-General, WWF International, Switzerland
Gerald Lawless, President and Group Chief Executive Officer, Jumeirah Group, United Arab Emirates; Global Agenda Council on the Future of Travel & Tourism
Dan Sten Olsson, Chief Executive Officer, Stena, Sweden

Moderated by
Nishan Degnarain, Member, Monetary Policy Committee, Central Bank of Mauritius, Mauritius; Young Global Leader; Global Agenda Council on Oceans

Closing Remarks by
Dominic Kailash Nath Waughray, Head of Public-Private Partnership, Member of the Executive Committee, World Economic Forum
Friday 22 January

11.00 - 11.30
Congress Centre - Congress Hall

378 faith and progress
A Common Stance against Extremism

With extremism challenging religious understanding, how can faith communities promote stability and progress?

Simultaneous interpretation in all languages

This session is webcast live.

Shawki Ibrahim Abdel-Karim Allam, Grand Mufti, Egyptian Religious Edicts Authority (Dar Al Iftaa Al Misreya), Egypt
Ahmad Iravani, President and Executive Director, Center for the Study of Islam and the Middle East (CSIME), USA; Global Agenda Council on the Role of Faith
Justin Welby, Archbishop of Canterbury, United Kingdom

Chaired by
Christiane Amanpour, Chief International Correspondent, CNN, United Kingdom

11.00 - 12.00
Congress Centre - Sanada

339 bbc/europe tipping point
Europe at a Tipping Point

With a crisis at Europe’s borders as it tries to control the influx of refugees and to prevent terrorist attacks, how can Europe protect itself without betraying its values?

This session was developed in partnership with the BBC.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Josef Joffe, Publisher-Editor, Die Zeit, Germany
Emmanuel Macron, Minister of the Economy, Industry and Digital Affairs of France
David Miliband, President, International Rescue Committee, USA; Global Agenda Council on Humanitarian Response
Federica Mogherini, High Representative for Foreign Affairs and Security Policy; Vice-President of the European Commission, European Union, Brussels
Witold Waszczykowski, Minister of Foreign Affairs of Poland

Moderated by
Lyse Doucet, Chief International Correspondent, BBC News, United Kingdom

11.15 - 11.45
Media Village - Issue Briefing Room

351 briefing/inequality
Issue Briefing: The Inequality Challenge

Learn in depth about strategies for inclusiveness and fairness at the dawn of the Fourth Industrial Revolution.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

Winnie Byanyima, Executive Director, Oxfam International, United Kingdom
Katherine Garrett-Cox, Chief Executive Officer, Alliance Trust Investments, United Kingdom; Young Global Leader; Global Agenda Council on Values
Charlotte Petri Gornitzka, Director-General, Swedish International Development Cooperation Agency (Sida), Sweden; Global Agenda Council on Sustainable Development

Moderated by
Oliver Cann, Head of Media Content, World Economic Forum
Friday 22 January

11.30 - 12.00
Congress Centre - Congress Hall

228 special address/kerry

Special Address

Simultaneous interpretation in all languages
This session is webcast live.

John F. Kerry, US Secretary of State

Chaired by
Klaus Schwab, Founder and Executive Chairman, World Economic Forum

11.45 - 12.15
Congress Centre - Earth Space

229 earth time-lapse/forests 3

Earth Time-Lapse: The Future of Forests

Embark on a visual exploration that reveals the alarming acceleration of deforestation globally in our lifetime. The session features high-resolution satellite images from NASA’s Landsat Program, which provides the longest continuous global record of the Earth’s surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With
Matthew C. Hansen, Professor, Department of Geographical Sciences, University of Maryland, USA
Andrew Steer, President and Chief Executive Officer, World Resources Institute, USA

11.45 - 12.15
Congress Centre - Aspen 2

230 insight/roth

A Journey of Discovery with Al Roth

Economics Nobel Laureate Al Roth received his prize for pioneering research into market design, following a personal journey of markets design in New York City and other major economies. Join this session to understand markets where money isn’t the only factor in determining who get what and why in specific markets, from internships and kidney transplants to dating sites and parking spots.

This session is webcast live.

Alvin Roth, Professor, Department of Economics, Stanford University, USA

Interviewed by
Martin Wolf, Associate Editor and Chief Economics Commentator, Financial Times, United Kingdom; Global Agenda Council on New Growth Models
Virtual Reality: Collisions

Join a group experience of the virtual reality film, Collisions. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

Collisions is by acclaimed artist Lynette Wallworth, in partnership with Nyarri Morgan, an indigenous elder and artist. It is supported by the World Economic Forum, Sundance Institute and Ford Foundation, in partnership with Jaunt VR.

You can also experience the film on your own and at your own pace outside of scheduled session times.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With Lynette Wallworth, Artist, Studio Wallworth, Australia

Discussion Leaders
Jonathan Jackson, Founder and Chief Executive Officer, Dimagi, USA; Social Entrepreneur
Elaine Weidman Grunewald, Vice-President, Sustainability and Corporate Responsibility, Ericsson, Sweden

Facilitated by Ian Goldin, Professor of Globalization and Development, and Director, Oxford Martin School, University of Oxford, United Kingdom

Tracking Pandemics

How can the latest information and communication technologies be harnessed to respond to pandemics?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

Located on the Lower Level of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders
Jonathan Jackson, Founder and Chief Executive Officer, Dimagi, USA; Social Entrepreneur
Elaine Weidman Grunewald, Vice-President, Sustainability and Corporate Responsibility, Ericsson, Sweden

Facilitated by Ian Goldin, Professor of Globalization and Development, and Director, Oxford Martin School, University of Oxford, United Kingdom

A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.
Friday 22 January

12.30 - 13.45
Ameron Swiss Mountain Hotel - Campanello

233 asia/digital innovation

Asia in the Digital Age

How can Asia unlock its digital potential to open up niche markets and foster regional integration?

On the agenda:
- Mastering local markets through online and mobile platforms
- Digital innovation for mass-scale financial and diversity inclusion
- Promoting transparency and credible governance

Discussion Leaders
Jerry Buhlmann, Chief Executive Officer, Dentsu Aegis Network, United Kingdom
Yoshito Hori, President, GLOBIS University; Managing Partner, GLOBIS Capital Partners; Chairman and Chief Executive Officer, GLOBIS Corporation, Japan
Cesar V. Purisima, Secretary of Finance of the Philippines
John Riady, Executive Director, Lippo Group, Indonesia; Global Shaper; Global Agenda Council on South-East Asia
Chartsiri Sophonpanich, President, Bangkok Bank, Thailand
Srinath Sridharan, Member, Group Management Council, Wadhawan Group, India

Moderated by
Annie Koh, Vice-President, Office of Business Development; Academic Director, Business Families Institute; Professor of Finance (Practice), Singapore Management University, Singapore; Global Agenda Council on South-East Asia

12.30 - 13.45
Morosani Posthotel - Poststube

234 canada

A New Chapter for Canada

What are the global, regional and industry agendas of Canada's new government?

Meet Canada's Prime Minister and Cabinet for an in-depth discussion of the country's future and its role in the world.

Discussion Leaders
Navdeep Bains, Minister of Innovation, Science and Economic Development of Canada
Scott Brison, President of the Treasury Board of Canada; Young Global Leader
Suzanne Fortier, Principal, McGill University, Canada
Chrystia Freeland, Minister of International Trade of Canada; Young Global Leader Alumna
Andrew Fursman, Chief Executive Officer, 1QB Information Technologies, Canada
Alison Loat, Co-Founder and Executive Director, Samara, Canada; Young Global Leader
David McKay, President and Chief Executive Officer, RBC (Royal Bank of Canada), Canada
Catherine McKenna, Minister of Environment and Climate Change of Canada

Remarks by
Justin Trudeau, Prime Minister of Canada

Moderated by
Naheed Nenshi, Mayor of Calgary, Canada; Young Global Leader

12.30 - 13.45
Hotel InterContinental - Turmalin/Adular/Quarz

235 clean revolution

Leading the Clean Revolution

What are the business models and strategic partnerships driving clean and competitive enterprises?

On the agenda:
- Circular systems for low-carbon production
- Coalitions for new industry benchmarks
- Public-private R&D partnerships

Discussion Leaders
Oliver Bäte, Chief Executive Officer, Allianz, Germany; Global Agenda Council on the Future of Insurance & Asset Management
Antoine Frérot, Chairman and Chief Executive Officer, Veolia, France
Michel Giannuzzi, Chief Executive Officer, Tarkett, France
Arthur Huang, Founder and Chief Executive Officer, Miniwiz, Chinese Taipei
Anders Runevad, Chief Executive Officer, Vestas Wind Systems, Denmark

Moderated by
Aron Cramer, President and Chief Executive Officer, Business for Social Responsibility (BSR), USA; Global Agenda Council on the Future of Consumer Industries
Friday 22 January

12.30 - 13.45
Ameron Swiss Mountain Hotel - Symondpark 1
236 institutional/capital access

Accelerating Access to Capital

Capital markets play a critical role in economic development by pooling domestic savings and mobilizing foreign capital for productive long-term investment. However, in many emerging economies, capital markets remain underdeveloped or are non-existent. How can we accelerate the development of local capital markets?

This session is for Forum Members and Partners active or interested in the Accelerating Capital Markets Development in Emerging Economies initiative.

Introduced by
Michael Drexler, Head of Investors Industries, Member of Management Committee, World Economic Forum USA; Young Global Leader

Discussion Leaders
Bambang Brodjonegoro, Minister of Finance of Indonesia
Thomas Finke, Chairman and Chief Executive Officer, Babson Capital, USA
Adena Friedman, President and Chief Operating Officer, Nasdaq, USA; Young Global Leader Alumnus
Pravin Gordhan, Minister of Finance of South Africa
Ben J. Kruger, Chief Executive Officer, Standard Bank Group, South Africa

Moderated by
Alison Tarditi, Chief Investment Officer, Commonwealth Superannuation Corporation, Australia; Global Agenda Council on the Future of Investing

12.30 - 13.45
Hotel Cresta Sun - Restaurant
238 latin america resilience

Ensuring Latin America's Inner Resilience

How can Latin America strengthen its socio-economic resilience to slowing regional growth and increasing global volatility?

On the agenda:
- Macroeconomic strategies responding to headwinds
- Adjusting investment climates in the new context
- Attracting long-term investments

With
Enrique García Rodríguez, President and Chief Executive Officer, CAF - Development Bank of Latin America, Caracas; Global Agenda Council on Latin America

Discussion Leaders
Nelson Henrique Barbosa-Filho, Minister of Finance of Brazil
Mauricio Cardenas, Minister of Finance and Public Credit of Colombia
Alfonso Prat-Gay, Minister of Finance of Argentina
Alonso Segura Vasi, Minister of Economy and Finance of Peru
Rodrigo Valdés Pulido, Minister of Finance of Chile

Moderated by
Ricardo Hausmann, Director, Center for International Development, Harvard Kennedy School of Government, USA; Global Agenda Council on the Future of Manufacturing

12.30 - 13.45
Hotel InterContinental - Lilie/Aster
239 nature/science for society 2

Will Science Save Us?

How can we accelerate scientific breakthroughs that address society's greatest challenges?

This lunch is hosted in collaboration with Nature Publishing Group.

Discussion Leaders
Sir Leszek Borysiewicz, Vice-Chancellor, University of Cambridge, United Kingdom
Deborah M. Gordon, Professor of Biology, Stanford University, USA
David Kingham, Chief Executive Officer, Tokamak Energy, United Kingdom
Brian Schmidt, Vice-Chancellor, Australian National University, Australia
Suchitra Sebastian, University Lecturer, Department of Physics, Cavendish Laboratory, University of Cambridge, United Kingdom; Young Scientist
Nina Tandon, President and Chief Executive Officer, EpiBone, USA

Moderated by
Philip Campbell, Editor-in-Chief, Nature Magazine, United Kingdom; Global Agenda Council on Mental Health
**Confronting Cybercrime**

What are the key priorities for business and government leaders working together to confront cybercrime?

On the agenda:
- Building trust among stakeholders
- Public-private collaboration in combating cybercrime
- Establishing globally coherent policy and legislation

This lunch is for Forum Members and Partners active or interested in the Global Challenge Initiative on the Future of the Internet: Cybercrime.

**Introduced by**
Jean-Luc Vez, Head of Public Security Policy and Security Affairs, Member of the Executive Com, World Economic Forum

**Discussion Leaders**
Michèle Coninsx, President, Eurojust, The Hague
Eugene Kaspersky, Chairman and Chief Executive Officer, Kaspersky Lab, Russian Federation; Global Agenda Council on Cyber Security
Mauricio Minas, Executive Vice-President, Banco Bradesco, Brazil
Henry Ross Perot Jr, Chairman of the Board, Perot Companies, USA; Global Agenda Council on the Future of Real Estate & Urbanization
Shyam Sankar, President, Palantir Technologies, USA
Jürgen Stock, Secretary-General, International Criminal Police Organization (INTERPOL), Lyon
Rob Wainwright, Director, Europol (European Police Office), The Hague

**Moderated by**
Jeff Jarvis, Professor, Graduate School of Journalism, City University of New York, USA

**Closing Remarks by**
Loretta Lynch, US Attorney General

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**Saving the Olympic Spirit**

In light of recent scandals, what needs to be done to restore trust in global sports organizations?

On the agenda:
- Accountability and transparency of global institutions
- Monitoring and enforcement mechanisms
- Role of marketing and sponsorship

**Discussion Leaders**
Niall Dunne, Chief Sustainability Officer, BT Group, United Kingdom; Young Global Leader; Meta-Council on the Circular Economy
Kuncio Mikuruya, Secretary-General, World Customs Organization (WCO), Brussels
Shamina Singh, Executive Director, MasterCard Center for Inclusive Growth, MasterCard, USA; Young Global Leader; Global Agenda Council on India
Cobus de Swardt, Managing Director, Transparency International, Germany; Global Agenda Council on Transparency & Anti-Corruption

**Moderated by**
David Rhodes, President, CBS News, USA; Young Global Leader

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**Is the Swiss Model under Threat?**

Switzerland’s economic and governance models have produced one of the world’s richest and most competitive countries. Can the Swiss model of economic liberalism and direct democracy survive?

- How will the implementation of the 2014 referendum on migration restrictions harm industry and EU relations?
- How can the education system meet the needs of knowledge-intensive industries?
- What is the effect of years of a strong franc and unconventional monetary policy?
- How will these challenges affect Switzerland’s position as an international financial centre?

The Open Forum series, held in parallel with the official programme, offers the local Swiss community and global public an opportunity to engage and interact with experts on global issues.

Open Forum sessions take place at the Swiss Alpine High School (SAMD), which can be reached using public transport or the official shuttles. The bus stop is Postplatz.

**Simultaneous interpretation in English and German**

**This session is webcast live.**

Rolf Dörig, Chairman, Adecco Group, Switzerland
Sergio P. Ermotti, Group Chief Executive Officer, UBS Group, Switzerland
Lino Guzzella, President and Professor, ETH Zurich, Switzerland
Johann N. Schneider-Ammann, President of the Swiss Confederation and Federal Councillor of Economic Affairs, Education and Research of Switzerland
Ulrich Spiesshofer, President and Chief Executive Officer, ABB, Switzerland

**Moderated by**
Christa Markwalder, President of the National Council of Switzerland; Young Global Leader
## 242 business series/emerging innovation
### The New Frontiers of Innovation

How are emerging industries accelerating the pace of global innovation?

On the agenda:
- Convergence of the digital, physical and biological
- "Coopetition" and non-traditional partnerships
- Globalization of knowledge value chain

**Speakers:**
- **Soraya Darabi**, Impact Investor & Co-Founder, Zady.com, USA; Young Global Leader
- **Philipp Schindler**, Senior Vice-President and Chief Business Officer, Google, USA
- **Jeroen Tas**, Chief Executive Officer, Healthcare Informatics, Solutions and Services, Royal Philips, Netherlands
- **John B. Veohmeyer**, Chairman, KPMG International, USA

**Moderated by:**
- **Valerie Casey**, Founder and Executive Director, The Designers Accord, USA; Young Global Leader

### 243 cnbc/europe finance
### Rebuilding Europe's Financial Confidence

How can Europe rebuild confidence in its financial markets and institutions?

This session was developed in partnership with CNBC.

**Speakers:**
- **Benoit Coeure**, Member of the Executive Board, European Central Bank, Frankfurt
- **Francisco Gonzalez**, Chairman and Chief Executive Officer, Banco Bilbao Vizcaya Argentaria (BBVA), Spain
- **Pier Carlo Padoan**, Minister of Economy and Finance of Italy
- **Axel A. Weber**, Chairman of the Board of Directors, UBS Group, Switzerland

**Moderated by:**
- **Geoff Cutmore**, Anchor, CNBC, United Kingdom

### 244 insight/spacey
### An Insight, An Idea with Kevin Spacey

A conversation with actor and director Kevin Spacey about his acclaimed performance in the series House of Cards and the theatricality of American politics in this election year.

This session is webcast live.

**Speakers:**
- **Kevin Spacey**, Actor, Writer, Producer and Director, Kevin Spacey Foundation, USA

**Interviewed by:**
- **James Harding**, Director, News and Current Affairs, BBC News, United Kingdom
Friday 22 January

14.00 - 14.30
Media Village - Issue Briefing Room

370 briefing/fintech

Issue Briefing: Disruptive Forces in Financial Services

Learn first-hand about the disruptive power of big data and automation in the context of financial services.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

John Flint, Chief Executive, Retail Banking and Wealth Management; Group Managing Director, HSBC Bank, United Kingdom
Bo Lu, Chief Executive Officer and Co-Founder, FutureAdvisor, USA

Moderated by
Peter Vanham, Media Lead, US and Industries, Global Leadership Fellow, World Economic Forum, Switzerland

14.00 - 14.30
Congress Centre - Humanitarian Hub

247 humanitarian hub/logistics

Mobilizing in Emergencies

How can local knowledge and global resources be coupled to improve logistics in states of emergency?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

Located on the Lower Level of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders
Shaffi Mather, Founder and Chief Executive Officer, MUrgency, United Arab Emirates; Young Global Leader
Tarek Sultan Al Essa, Chief Executive Officer and Vice-Chairman of the Board, Agility, Kuwait

Facilitated by
Kevin Jenkins, President and Chief Executive Officer, World Vision International, United Kingdom

14.00 - 15.30
Congress Centre - Dischma

246 gender biases

Breaking Gender Biases

What successful behavioural approaches can be applied to nudge gender parity at work, at home and in governance?

Session objectives:
- Explore the psychology and neuroscience of the unconscious mind
- Examine tried-and-tested techniques
- Design decision architectures

Discussion Leaders
Richard Barth, Chief Executive Officer, KIPP Foundation, USA; Social Entrepreneur
Mark R. Dybul, Executive Director, The Global Fund to Fight AIDS, Tuberculosis and Malaria (GFATM), Switzerland; Global Agenda Council on Global Governance
Rosanne Haggerty, President and Chief Executive Officer, Community Solutions, USA; Social Entrepreneur
David Halpern, Chief Executive Officer, Behavioural Insights Team, United Kingdom; Global Agenda Council on Behaviour
Barri Rafferty, Senior Partner; Chief Executive Officer, North America, Ketchum, USA

Facilitated by
Iris Bohnet, Director, Women and Public Policy Program, Harvard Kennedy School, Harvard University, USA; Global Agenda Council on Behaviour
248 Latin America Agenda

A New Agenda for Latin America

What are the political and economic priorities for Latin America’s leaders in the year ahead?

Simultaneous interpretation in all languages

This session is webcast live.

Enrique Peña Nieto, President of Mexico; Young Global Leader Alumnus

Chaired by

Moisés Naím, Distinguished Fellow, Carnegie Endowment for International Peace, USA; Global Agenda Council on Geo-economics

14.30 - 17.00
Rinerhorn Mountain - Base Camp

249 Base Camp/Solar Impulse 2

Achieving the Impossible

Swiss explorers André Borschberg and Bertrand Piccard built the first solar airplane that set the record for the longest solo flight of five days and five nights. The pilots of Solar Impulse will share their story of the pioneering round-the-world flight to encourage leaders to cultivate an innovative mindset that embraces high-stake, high-reward risks.

Enhance your performance potential on this alpine retreat at the Forum’s Base Camp on nearby Rinerhorn Mountain.

Transport Information:
The shuttle for the Base Camp will leave at 13.45 from the Forum Shuttle Hub. Please be there 10 minutes ahead of time. After a 20-minute drive, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle will leave at 17.20 from the bottom of the Rinerhorn and arrives at the Congress Centre at around 17.50.

With

André Borschberg, Co-Founder, Chief Executive Officer and Pilot, Solar Impulse, Switzerland

Bertrand Piccard, Initiator, Chairman and Pilot, Solar Impulse, Switzerland

Facilitated by

Linda A. Hill, Professor of Business Administration, Harvard Business School, USA

Maurizio Travaglini, Founder and Chief Executive Officer, Architects of Group Genius, Italy

14.45 - 15.45
Congress Centre - Seehorn Arena

256 Modern Faith

Modern Faith

How are ancient religions adapting and evolving in 21st century societies?

On the agenda:
- Balancing modernist and fundamentalist tenets
- Motivating action on the environment and inequality
- Attracting millennials to organized religion

This session is filmed and will be available on the World Economic Forum website at a later date.

Bani Dugal, Principal Representative, Bahá’í International Community’s United Nations Office, New York

Frank Fredericks, Executive Director, World Faith, USA; Global Shaper

Ali Adnan Ibrahim, First Vice-President, Al Baraka Banking Group, Bahrain; Young Global Leader

Matthieu Ricard, President, Karuna-Shechen, France

Justin Welby, Archbishop of Canterbury, United Kingdom

Moderated by

Thomas L. Friedman, Columnist, Foreign Affairs, New York Times, USA
Friday 22 January

14.45 - 15.30
Congress Centre - Schwarzhorn BetaZone

250 betazone/mass extinction

The Sixth Mass Extinction

Explore how the phenomenon of disappearing species raises concerns about our own survival and how to bring endangered species back from the brink.

This session is filmed and will be available on the World Economic Forum website at a later date.

Joel Sartore, Contributing Photographer, National Geographic Magazine, USA

Moderated by
Susan Goldberg, Editor-in-Chief, National Geographic Magazine, USA

14.45 - 16.00
Congress Centre - Flüela IdeasLab

253 ideaslab/mit

Realizing Precision Medicine: The Massachusetts Institute of Technology IdeasLab

How are personalized and precision methods transforming the way disease is prevented and treated?

Discover and debate in the IdeasLab:
Idea 1: Controlling the brain with light to reactivate lost memories
Idea 2: Using nanosensors to promptly catch signs of disease
Idea 3: Drugs that can turn off disease-causing genes
Idea 4: Developing a one-two punch cancer nanoparticle for resistant tumours

This session is filmed and will be available on the World Economic Forum website at a later date.

Introduced by
Leo Rafael Reif, President, Massachusetts Institute of Technology (MIT), USA

Discussion Leaders
Sangeeta Bhatia, Professor of Engineering, Massachusetts Institute of Technology, USA
Paula T. Hammond, David H. Koch Professor in Engineering: Head, Department of Chemical Engineering, Massachusetts Institute of Technology (MIT), USA
Phillip Sharp, Institute Professor, Massachusetts Institute of Technology, USA
Susumu Tonegawa, Picower Professor of Biology and Neuroscience, Massachusetts Institute of Technology (MIT), USA

Facilitated by
Jeffrey M. Drazen, Editor-in-Chief, The New England Journal of Medicine, USA

14.45 - 16.00
The Loft - Loft IdeasLab

255 loft/ideaslab imperial

Materials of the Future: The Imperial College London IdeasLab

How are advances in materials science paving the way for novel products and new industries?

Discover and debate in the IdeasLab:
Idea 1: Engineering crystals for better telecommunications
Idea 2: Holistic heat management
Idea 3: Plastics that can manipulate light
Idea 4: Computational simulations of tomorrow's materials

The Loft is across from the Congress Centre on Promenade.

Discussion Leaders
Neil Alford, Vice-Dean for Research, Faculty of Engineering, Imperial College London, United Kingdom
Robin Grimes, Professor of Materials Physics, Imperial College London, United Kingdom
Mary Ryan, Professor of Materials Science and Nanotechnology, Imperial College London, United Kingdom
Natalie Stingelin, Professor of Functional Organic Materials, Imperial College London, United Kingdom

Facilitated by
Jeffrey Carbeck, Specialist Leader, Advanced Materials and Manufacturing, DC Innovations, Deloitte, USA; Technology Pioneer
254 institutional/inclusive growth

Solving for Inclusive Growth

If well managed, the Fourth Industrial Revolution could greatly contribute to reducing inequalities while fostering economic growth. What policies and practices are needed to shape stronger and more inclusive economies?

This interactive session is for Forum Members and Partners active or interested in the Global Challenge Initiative on Economic Growth and Social Inclusion.

Discussion Leaders
Alicia Bárcena Ibarra, Executive Secretary, United Nations Economic Commission for Latin America and the Caribbean (ECLAC), Santiago; Global Agenda Council on Latin America
Winnie Byanyima, Executive Director, Oxfam International, United Kingdom
Richard W. Edelman, President and Chief Executive Officer, Edelman, USA
John Evans, General Secretary, Trade Union Advisory Committee to the OECD, France; Meta-Council on Inclusive Growth
Azman Mokhtar, Managing Director, Khazanah Nasional, Malaysia
Babatunde Osotimehin, Executive Director, United Nations Population Fund (UNFPA), New York; Global Agenda Council on the Demographic Dividend
Ebrahim Patel, Minister of Economic Development of South Africa
Douglas L. Peterson, President and Chief Executive Officer, McGraw Hill Financial, USA
Gene B. Sperling, Founder and Advisory Board Chair, Center for Universal Education, Brookings Institution, USA
Mark R. Warner, Senator from Virginia (Democrat), USA

Facilitated by
Jennifer Blanke, Chief Economist, Member of the Executive Committee, World Economic Forum

252 food systems

Rethinking Food Systems from Plate to Planet

What actions are needed to build resilience into global food systems?

On the agenda:
- Building stable and equitable markets
- Harnessing agricultural employment to empower women and young people
- Preventing food loss in the value chain

Wiebe Draijer, Chairman of the Executive Board, Rabobank Group, Netherlands
Daniel Kablan Duncan, Prime Minister of Côte d'Ivoire
Judith Rodin, President, Rockefeller Foundation, USA
Soren Schroder, Chief Executive Officer, Bunge, USA
Ismael Sunga, Chief Executive Officer, Southern African Confederation of Agricultural Unions (SACAU), South Africa

Moderated by
Gerda Verburg, Permanent Representative of the Netherlands to the United Nations Agencies in Rome; Global Agenda Council on Food & Nutrition Security

251 cna/infrastructure future

Asia’s Era of Infrastructure

Asia-Pacific infrastructure spending will likely approach $5 trillion a year by 2025. How are new infrastructure initiatives and megaprojects reshaping regional and global growth?

This session was developed in partnership with Channel News Asia.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Bambang Brodjonegoro, Minister of Finance of Indonesia
Arun Jaitley, Minister of Finance, Corporate Affairs and Information and Broadcasting of India
Jin Liqun, President, Asian Infrastructure Investment Bank, Beijing
Yorihiko Kojima, Chairman of the Board, Mitsubishi Corporation, Japan
Jim Leape, Consulting Professor, Woods Institute for the Environment, Stanford University, USA; Global Agenda Council on Governance for Sustainability

Moderated by
Lin Xueling, Moderator, Channel News Asia, Singapore
Thinking Ahead/Fashion

Trash or Fashion?

How are the latest technologies and design transforming our approach to existing resources?

New Champions give three short talks on the future of fashion:
- Upcycling garbage into wearable art
- From hazardous e-waste to high-end fashion
- Reshaping urban areas as community spaces through smart design

The Loft is across from the Congress Centre on Promenade.

With
Privahini Bradoo, Co-Founder and Chief Executive Officer, BlueOak, USA; Young Global Leader
Tim Jones, Chief Executive Officer, Artscape, Canada; Social Entrepreneur
Francis Sollano, Co-Founder, YFLC, Philippines; Global Shaper

Facilitated by
Johan Rockström, Executive Director, Stockholm Resilience Centre, Sweden

Exhibition: This Time Tomorrow

An introduction to the exhibition This Time Tomorrow, featuring designs ranging from the infinitesimal scale of DNA to the distant horizon of outer space that form a landscape of clues about the world of tomorrow.

This Time Tomorrow is a special collaboration between the Victoria and Albert Museum and the World Economic Forum.

Please meet inside the main entrance of the Congress Centre.

Introduced by
Martin Roth, Director, Victoria and Albert Museum

Earth Time-Lapse: The Industrialization Impasse

Embark on a visual exploration that reveals unprecedented urbanization and industrialization in our lifetime. The session features high-resolution satellite images from NASA's Landsat Program, which provides the longest continuous global record of the Earth's surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With
Ian Morris, Willard Professor of Classics; Professor of History, Stanford University, USA
Illah Nourbakhsh, Professor, Robotics Institute, Carnegie Mellon University, USA
**Friday 22 January**

**15.00 - 16.00**
Congress Centre - Sertig

**259 debate/privatization of science**

**Forum Debate: The Privatization of Science**

Amid declining public budgets and competition for tech talent, can business save science?

This session is part of the Forum Debate series on today’s dilemmas in economics, politics and society.

Jean-Pierre Bourguignon, President, European Research Council, Belgium
Alice Gast, President, Imperial College London, United Kingdom
W. Patrick McCray, Professor of History, University of California, Santa Barbara, USA
Yossi Vardi, Chairman, International Technologies Ventures, Israel

**Moderated by**
Joe Palca, Science Correspondent, NPR, USA

**15.00 - 16.00**
Congress Centre - Aspen 1

**261 emerging markets outlook**

**Emerging Markets Outlook**

How are decelerating emerging-markets growth and rising US interest rates changing the outlook for global high-growth markets?

On the agenda:
- Local currencies in adverse external environments
- Slowing demand in China and expanding regional markets
- Investing in high-growth industries

**This session is webcast live.**

Afsaneh Mashayekhi Beschloss, Founder and Chief Executive Officer, The Rock Creek Group, USA
Ian Bremmer, President, Eurasia Group, USA; Young Global Leader Alumnus; Global Agenda Council on Geo-economics
Arif M. Naqvi, Founder and Group Chief Executive, The Abraaj Group, United Arab Emirates
A. Michael Spence, William R. Berkley Professor in Economics and Business, NYU Stern School of Business, Italy; Global Agenda Council on New Growth Models
Ricardo Villela Marino, Executive Vice-President and Member of the Board of Directors, Itaú Unibanco, Brazil; Young Global Leader Alumnus

**Moderated by**
Tom Keene, Editor-at-Large, Bloomberg Radio & Television, USA

**15.00 - 15.30**
Media Village - Issue Briefing Room

**373 briefing/artificial intelligence**

**Issue Briefing: Infusing Emotional Intelligence into AI**

Learn first-hand about how to endow artificial intelligence with emotional intelligence using social-interaction skills that are too often ignored in emerging technologies.

**The Issue Briefing room is located in the Media Village.**

**This session is webcast live.**

Justine Cassell, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Global Agenda Council on Artificial Intelligence & Robotics
Vanessa Evers, Professor of Human Media Interaction, University of Twente, Netherlands
Maja Pantic, Professor of Affective and Behavioral Computing, Imperial College London, United Kingdom

**Moderated by**
Michael Hanley, Head of Digital Communications, Member of the Executive Committee, World Economic Forum
262 red campaign

Special 10th Anniversary Celebration of the (RED) Campaign

Join a special session to celebrate the 10th anniversary of the (RED) Campaign, founded with the mission to see an AIDS-free generation in our lifetime.

Simultaneous interpretation in all languages
This session is webcast live.

With
Bono, Lead Singer, U2; Co-Founder, (RED); Co-Founder, ONE, Ireland
Klaus Schwab, Founder and Executive Chairman, World Economic Forum

15.00 - 16.00
Congress Centre - Congress Hall

264 time/neurolaw

What If: Your Brain Confesses?

As neuroscientists decipher the workings of the brain, new questions will be raised about decoding memories, ascertaining intentions and defusing criminal behaviour. What if neuroscience is invited into the courtroom?

Join an in-depth discussion that explores the possible, plausible and probable impacts of neuroscience disrupting the justice system.

This session was developed in partnership with TIME.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Nita A. Farahany, Professor, Law and Philosophy, Duke University, USA
Jack Gallant, Professor of Psychology and Neuroscience, University of California, Berkeley, USA
Brian Knutson, Associate Professor of Psychology and Neuroscience, Stanford University, USA
Sam Muller, Director, Hague Institute for the Internationalisation of Law, Netherlands; Global Agenda Council on Justice

Moderated by
Rana Foroohar, Assistant Managing Editor, Business and Economics, Time Magazine, USA

15.00 - 15.30
Congress Centre - Transformation Hub

167 transformation hub/energy 2

Achieving the Sustainable Development Goals: Energy Security

Energy security is central to nearly every global challenge and transformation in the world today. Access to energy for all is essential, whether for jobs, international security, food production, or addressing climate change and increasing inequality.

Explore in the Transformation Hub how the Sustainable Development Goal of ensuring access to affordable, reliable, sustainable and modern energy for all can be achieved.

Please arrive early, as space is limited in the Transformation Hub.

Presented by
Amjad Bseisu, Chief Executive, EnQuest, United Kingdom

Nita A. Farahany, Professor, Law and Philosophy, Duke University, USA
Jack Gallant, Professor of Psychology and Neuroscience, University of California, Berkeley, USA
Brian Knutson, Associate Professor of Psychology and Neuroscience, Stanford University, USA
Sam Muller, Director, Hague Institute for the Internationalisation of Law, Netherlands; Global Agenda Council on Justice

Moderated by
Rana Foroohar, Assistant Managing Editor, Business and Economics, Time Magazine, USA
Friday 22 January

16.00 - 16.30
The Loft -

Project: IShoU

Join creator Sarah Kenderdine for a preview of IShoU, an interactive tool that offers a new way to reflect on one’s experiences. Part meditation and part creation, the tool compiles quantitative data about a qualitative experience.

The Loft is across from the Congress Centre on Promenade.

Introduced by
Sarah Kenderdine, Professor and Director, Expanded Perception and Interaction Centre, University of New South Wales, Australia

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16.00 - 16.30
The Loft -

Davos Brain Challenge

Test your brain’s abilities and explore how transformational digital services will shift the way we think about brain health and cognitive performance.

The Loft is across from the Congress Centre on the Promenade.

Introduced by
Corinna E. Lathan, Chair of the Board and Chief Executive Officer, AnthroTronix, USA; Young Global Leader; Global Agenda Council on Artificial Intelligence & Robotics

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16.00 - 16.30
Congress Centre - Issue Briefing Room

Issue Briefing: Ethics and Corporate Governance

Learn first-hand about how corporate governance can ensure that high ethical standards are met to restore trust.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

Lucy Marcus, Columnist, BBC, United Kingdom
Barbara Novick, Vice-Chairman, BlackRock, USA

Moderated by
Oliver Cann, Head of Media Content, World Economic Forum
Progress towards Parity

At the current pace, gender parity will not be achieved until 2133. What are the opportunities to achieve progress towards parity as the demand on workforces and societies rapidly shift?

On the agenda:
- Gender implications of future skills requirements
- Advanced policies and partnerships
- Successful business strategies

Simultaneous interpretation in all languages

This session is webcast live.

Melinda Gates, Co-Chair, Bill & Melinda Gates Foundation, USA
Jonas Prising, Chairman and Chief Executive Officer, ManpowerGroup, USA
Sheryl Sandberg, Chief Operating Officer and Member of the Board, Facebook, USA; Young Global Leader Alumnus
Justin Trudeau, Prime Minister of Canada
Zhang Xin, Chief Executive Officer and Co-Founder, SOHO China, People’s Republic of China; Young Global Leader Alumnus

Moderated by
Lyse Doucet, Chief International Correspondent, BBC News, United Kingdom

Building Mindful Organizations

How can mindfulness meditation enhance the collective intelligence of your organization?

Session objectives:
- Develop effective stress responses
- Embed emotional intelligence
- Learn to optimize decision-making

Discussion Leaders
Richard J. Davidson, William James and Vilas Research Professor of Psychology and Psychiatry, Center for Investigating Healthy Minds, Waisman Center, University of Wisconsin, Madison, USA; Global Agenda Council on Mental Health
Vijay Eswaran, Executive Chairman, QI Group, Malaysia
Jon Kabat-Zinn, Professor of Medicine Emeritus, University of Massachusetts Medical School, University of Massachusetts, USA
Nancy Lublin, Chief Executive Officer, Crisis Text Line, USA; Young Global Leader Alumnus

Facilitated by
William W. George, Senior Fellow, Harvard Business School, USA; World Economic Forum USA Foundation Board Member

Earth Time-Lapse: The War on Water

Embark on a visual exploration that reveals the Arctic, oceans and freshwater crises. The session features high-resolution satellite images from NASA’s Landsat Program, which provides the longest continuous global record of the Earth’s surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With
Johan Rockström, Executive Director, Stockholm Resilience Centre, Sweden
Randy Sargent, Senior Systems Scientist, Carnegie Mellon University, USA
Virtual Reality: Collisions

Join a group experience of the virtual reality film, Collisions. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets western science.

Collisions is by acclaimed artist Lynette Wallworth, in partnership with Nyarri Morgan, an indigenous elder and artist. It is supported by the World Economic Forum, Sundance Institute and Ford Foundation, in partnership with Jaunt VR.

You can also experience the film on your own and at your own pace outside of scheduled session times.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With
Lynette Wallworth, Artist, Studio Wallworth, Australia

The Power of Space with California Institute of Technology

From black holes and supernovae to the sun, explore the energetic forces at work in the cosmos and how some could soon be harnessed for energy use on Earth.

This session is filmed and will be available on the World Economic Forum website at a later date.

Ali Hajimiri, Thomas G. Myers Professor of Electrical Engineering; Director, Information Science of Technology, California Institute of Technology (Caltech), USA
Fiona A. Harrison, Benjamin M. Rosen Professor of Physics and Astronomy, California Institute of Technology (Caltech), USA

Moderated by
Gareth Mitchell, Lecturer, Broadcast Communication, Imperial College London, United Kingdom

A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.
The Future of Computing: 
The European Research 
Council IdeasLab

How are new fields of computer science paving the way for the next digital revolution?

Discover and debate in the IdeasLab:
Idea 1: The cellular basis of neural computation
Idea 2: Realizing a brain on a chip
Idea 3: Towards a quantum computer
Idea 4: From biomolecular computing to internet democracy

The Loft is across from the Congress Centre on Promenade.

Introduced by
Jean-Pierre Bourguignon, President, European Research Council, Belgium

Discussion Leaders
Julie Grollier, Research Director, Unité Mixte de Physique CNRS-Thales, Centre National de la Recherche Scientifique (CNRS), France
Michael Hausser, Wellcome Trust Principal Research Fellow and Professor of Neuroscience, University College London (UCL), United Kingdom
Jeremy O’Brien, Professor, University of Bristol, United Kingdom; Young Scientist
Ehud Shapiro, Professor of Computer Science and Biology, Weizmann Institute of Science, Israel

Facilitated by
Loïc Le Meur, Chief Executive Officer, LeWeb, USA; Young Global Leader

The Future of Energy

How will technological advances and new market conditions shape tomorrow’s energy provider?

Session objectives:
- Explore the effects of recent and future disruptions on energy providers
- Identify and prioritize opportunities
- Define changes needed in energy companies today

This session is for Forum Members and Partners active or interested in the Future of Energy projects.

Introduced by
Roberto Bocca, Head of Energy Industries, Member of the Executive Committee, World Economic Forum

Discussion Leaders
John Carrington, Chief Executive Officer, Stem, USA
Marjolein Helder, Chief Executive Officer, Plant-e, Netherlands
Ulrich Spiesshofer, President and Chief Executive Officer, ABB, Switzerland
Carl-Henric Svanberg, Chairman, BP, United Kingdom
Tulsi Tanti, Chairman, Suzlon Energy, India

Facilitated by
David G. Victor, Professor, University of California, San Diego (UCSD), USA; Global Agenda Council on Governance for Sustainability

A Journey of Discovery with W. E. Moerner

While investigating the potential for molecular data storage, W. E. Moerner became the first person to capture an image of a single molecule, for which he was awarded the 2014 Nobel Prize in Chemistry. The discovery paved the way for the ability to visualize the processes that occur inside living cells. Join this session to learn from his journey of profound discovery.

William E. Moerner, Harry S. Mosher Professor in Chemistry, Department of Chemistry, Stanford University, USA

Interviewed by
Joe Palca, Science Correspondent, NPR, USA

World Economic Forum Annual Meeting 2016 - Programme 102
272 I24/violent extremism

Violent Extremism: From Global Threat to Local Solution

Ankara, Beirut and Paris are among the cities that have been targeted in recent months by terrorist attacks. How can open societies respond to the spread of extremist ideologies and terrorism?

On the agenda:
- Anti-radicalization and social integration policies
- Law enforcement and intelligence services
- Civil society and faith-based organizations

This session was developed in partnership with France 24.

Simultaneous interpretation in English and French

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Sir Mohammad Jaafar, Chairman and Chief Executive Officer, Kuwaiti Danish Dairy Company, Kuwait
Jean-Paul Laborde, Assistant Secretary-General and Executive Director of the Counter-Terrorism Committee Executive Directorate (United Nations); Global Agenda Council on Cyber Security
Elif Shafak, Author, Turkey
Rowsch N. Shaways, Deputy Prime Minister of Iraq
Justin Welby, Archbishop of Canterbury, United Kingdom

Moderated by
L. Markus Karlsson, Business Editor, France 24, France

16.30 - 17.45
Congress Centre - Wisshorn xChange

273 human dignity

Human Dignity in Global Supply Chains

As rapid technological change transforms entire systems of production and consumption, how can human dignity be placed at the core?

On the agenda:
- Monitoring and tracking technologies
- Innovations in manufacturing and supply
- Evolution of rights, norms and standards

Rob Davies, Minister of Trade and Industry of South Africa
Gary J. Goldberg, President and Chief Executive Officer, Newmont Mining Corporation, USA
Michael H. Posner, Co-Director, Center for Business and Human Rights, NYU Stern School of Business, USA; Global Agenda Council on Human Rights
Kenneth Roth, Executive Director, Human Rights Watch, USA

Discussion Leaders
Privahini Bradoo, Co-Founder and Chief Executive Officer, BlueOak, USA; Young Global Leader
Justine Cassell, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Global Agenda Council on Artificial Intelligence & Robotics
Peter Platzer, Founder and Chief Executive Officer, Spire, USA
Don Tapscott, Adjunct Professor of Management, Joseph L. Rotman School of Management, University of Toronto, Canada; Global Agenda Council on the Future of Government

Moderated by
Ngaire Woods, Dean, Blavatnik School of Government, University of Oxford, United Kingdom; Global Agenda Council on Global Governance

16.45 - 17.45
Congress Centre - Seehorn Arena

282 trade outlook

The Future of Global Trade

What key trends are defining and challenging the future of trade and investment?

On the agenda:
- Shift from multilateral to cross-regional approaches
- Trade diversification and services trade
- Impact of digital technology on global value chains

This session is filmed and will be available on the World Economic Forum website at a later date.

David Abney, Chief Executive Officer, UPS, USA
Nils Smedegaard Andersen, Group Chief Executive Officer, A.P. Møller-Maersk, Denmark
Roberto Azevêdo, Director-General, World Trade Organization (WTO), Geneva
Thomas T. Lembong, Minister of Trade of Indonesia; Young Global Leader
Cecilia Malmström, Commissioner, Trade, European Commission, Brussels

Moderated by
Rebecca Blumenstein, Deputy Editor-in-Chief, Wall Street Journal, USA

World Economic Forum Annual Meeting 2016 - Programme 103
Preventing the Next Pandemic

It is a certainty that humankind will be confronted with disease outbreaks in the near future. What can be done to prevent looming crises and to mitigate their potentially devastating effects?

On the agenda:
- Developing vaccines
- Moving from reaction to prevention
- Promoting access to resources

Simultaneous interpretation in English and French

This session is webcast live.

Margaret Chan, Director-General, World Health Organization (WHO), Geneva
Alpha Condé, President of Guinea
Ertharin Cousin, Executive Director, United Nations World Food Programme (WFP), Rome; Global Agenda Council on Food & Nutrition Security
Kenneth C. Frazier, Chairman and Chief Executive Officer, MSD, USA
William H. Gates III, Co-Chair, Bill & Melinda Gates Foundation, USA

Moderated by
Jim Yong Kim, President, World Bank, Washington DC

The Internet of Things Is Here

How is the internet of things transforming the global marketplace?

On the agenda:
- Designing smart consumer products
- Partnering to create inter-connected business models
- Optimizing production and supply chains

Simultaneous interpretation in English and Mandarin Chinese

This session is webcast live.

Michael Gregoire, Chief Executive Officer, CA Technologies, USA
T. K. Kurien, Chief Executive Officer and Member of the Board, Wipro, India
Michael McNamara, Chief Executive Officer, Flex, USA
Andreas Raptopoulos, Chief Executive Officer, Matternet, USA

Moderated by
Robert F. Smith, Chairman and Chief Executive Officer, Vista Equity Partners, USA

Meet the Robot

Discover how advanced robotics will transform disaster response, with the Korea Advanced Institute for Science and Technology (KAIST), 2015 DARPA Robotics Challenge winner and developer of HUBO, a multifunctional walking humanoid robot.

Located on the Lower Level of the Congress Centre, next to the Information and Sign Up Desk

With
Oh Jun-Ho, Professor, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
Friday 22 January

17.00 - 18.00
Media Village - Issue Briefing Room

284 shaping davos 4

The Power of the Platform

The “platform” as a business model is behind the rapid rise of companies that are reshaping sectors like transport and hospitality in cities around the world. How are platforms impacting the consumer and career choices of millennials worldwide?

On the agenda:
- Changing company and consumer mindsets
- Rethinking municipal and national regulation
- Implications for corporate social responsibility

Global Shapers communities in Bangalore, Berlin, Giza and Delhi a will join the discussion online.

The Issue Briefing room is located in the Media Village.

This session is webcast live.

Philip J. Jennings, General Secretary, UNI Global Union, Switzerland
Vishal Sikka, Chief Executive Officer and Managing Director, Infosys, USA

Moderated by
Nik Gowing, International Broadcaster, King’s College London, United Kingdom; Global Agenda Council on Geo-economics

17.15 - 17.45
Congress Centre - Humanitarian Hub

280 humanitarian hub/learning gap

Educating for Future Security

How can education, training and life skills help displaced youth to avoid frustration and radicalization?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

Located on the Lower Level of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders
Irina Georgieva Bokova, Director-General, United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris
Gordon Brown, UN Special Envoy for Global Education; Chair, Global Commission on Financing Global Education Opportunity; Global Agenda Council on Infrastructure

Facilitated by
Shannon May, Co-Founder and Chief Development Officer, Bridge International Academies, Kenya; Social Entrepreneur

17.30 - 18.00
Congress Centre - Sertig

285 insight/doudna

An Insight, An Idea with Jennifer Doudna

Celebrated scientist Jennifer Doudna, co-inventor of the CRISPR-Cas9 gene editing technology, explores the opportunities and ethical dilemmas of rapidly advancing biotechnology.

Jennifer Doudna, Professor of Chemistry and of Molecular and Cell Biology, University of California, Berkeley, USA

Interviewed by
Joe Palca, Science Correspondent, NPR, USA

World Economic Forum Annual Meeting 2016 - Programme 105
Friday 22 January

17.40 - 18.00
Congress Centre - Congress Hall

353 special session/carter

A Conversation with US Secretary of Defense Ash Carter

Ashton B. Carter, US Secretary of Defense

Chaired by
Klaus Schwab, Founder and Executive Chairman, World Economic Forum

18.00 - 19.00
Congress Centre - Sanada

345 us outlook

Priorities for the United States in 2016

Christopher Coons, Senator from Delaware (Democrat), USA
Niall Ferguson, Laurence A. Tisch Professor of History, Harvard University, USA
Michael Froman, US Trade Representative
Kevin McCarthy, Majority Leader and Congressman from California (Republican), 23rd District, USA
Stephen G. Pagliuca, Managing Director, Bain Capital, USA

Moderated by
Rana Foroohar, Assistant Managing Editor, Business and Economics, Time Magazine, USA

18.00 - 18.40
Congress Centre - Congress Hall

286 security outlook

The Global Security Outlook

Ashton B. Carter, US Secretary of Defense
Mohammad Ashraf Ghani, President of the Islamic Republic of Afghanistan
Tharman Shanmugaratnam, Deputy Prime Minister and Coordinating Minister for Economic and Social Policies of Singapore
Jens Stoltenberg, Secretary-General, North Atlantic Treaty Organization (NATO), Brussels

Chaired by
Espen Barth Eide, Head of Geopolitical Affairs, Member of the Managing Board, World Economic Forum
**Earth Time-Lapse: The Race for Resources**

Embark on a visual exploration that reveals humanity's accelerating use of resources in our lifetime. The session features high-resolution satellite images from NASA's Landsat programme, which provides the longest continuous global record of the Earth's surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With
- Ellen MacArthur, Founder, Ellen MacArthur Foundation, United Kingdom; Meta-Council on the Circular Economy
- Randy Sargent, Senior Systems Scientist, Carnegie Mellon University, USA

**Clouds Over Sidra**

Join a special screening of this virtual reality experience to embark on an immersive journey into the daily life of Sidra, a young Syrian girl living in a refugee camp in Jordan.

Clouds Over Sidra was commissioned by the United Nations and created by Gabo Arora and Chris Milk.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With
- Gabo Arora, Filmmaker and Senior Advisor, United Nations Development Programme (UNDP), USA

**Life in 2030: Humankind and the Machine**

The world is on the brink of a new revolution driven by the convergence of a number of new technologies, including genome editing, artificial intelligence and 3D printing. How will these technologies change the lives of the next generation?

- What are the game-changing technologies?
- What are the moral, ethical and social concerns which they raise?
- How are these technologies going to change the face of business, government and society?
- How can humans work with technology for better outcomes?

The Open Forum series, held in parallel with the official programme, offers the local Swiss community and global public an opportunity to engage and interact with experts on global issues.

Open Forum sessions take place at the Swiss Alpine High School (SAMD), which can be reached using public transport or the official shuttles. The bus stop is Postplatz.

Simultaneous interpretation in English and German

This session is webcast live.

With
- Eric Anderson, Chairman, Planetary Holdings, USA; Young Global Leader
- Jennifer Doudna, Professor of Chemistry and of Molecular and Cell Biology, University of California, Berkeley, USA
- Nita A. Farahany, Professor, Law and Philosophy, Duke University, USA
- Toomas Hendrik Ilves, President of Estonia; Global Agenda Council on Cyber Security
- Andrew Moore, Dean, School of Computer Science, Carnegie Mellon University, USA

Moderated by
- Zanny Minton Beddoes, Editor-in-Chief, The Economist, United Kingdom
Friday 22 January

20.00 - 22.00
Rinerhorn Mountain - Base Camp

291 base camp/extreme explorers

Extreme Explorers

"It is not the mountain we conquer, but ourselves."
– Edmund Hillary

How do explorers find the strength to keep going in the face of extreme risks?

This dinner is hosted in collaboration with National Geographic.

Transport Information:
The shuttle for the Base Camp will leave at 19.15 from the Forum Shuttle Hub. Please be there 10 minutes ahead of time. After a 20-minute drive, you will enjoy the beautiful scenery from the cable car that takes you to the top of the Rinerhorn.

The return shuttle will leave at 22.20 from the bottom of the Rinerhorn and arrives at the Congress Centre at around 22.50.

Discussion Leaders
André Borschberg, Co-Founder, Chief Executive Officer and Pilot, Solar Impulse, Switzerland
Bertrand Piccard, Initiator; Chairman and Pilot, Solar Impulse, Switzerland
Hanli Prinsloo, Founder and Chief Executive Officer, I AM WATER Foundation, South Africa; Young Global Leader
Joel Sartore, Contributing Photographer, National Geographic Magazine, USA

Moderated by
Susan Goldberg, Editor-in-Chief, National Geographic Magazine, USA

20.00 - 22.00
Hotel InterContinental - Turmalin/Adular/Quarz

293 future africa

Africa’s Future

“We face neither East nor West; we face forward.”
– Kwame Nkrumah, Ghana’s first prime minister and president

Join African and global leaders in a dialogue on how the region is responding to a rapidly changing and interconnected world.

Bono, Lead Singer, U2; Co-Founder, (RED); Co-Founder, ONE, Ireland
Donald Kaberuka, President, African Development Bank (2005-2015); Hauser Leader-in-Residence, Harvard University, USA; Global Agenda Council on Africa
Jubril Adewale Tinubu, Group Chief Executive, Oando, Nigeria; Young Global Leader Alumnus

Special Remarks by
Ali Bongo Ondimba, President of Gabon
Hailemariam Dessalegn, Prime Minister of Ethiopia
Daniel Kablan Duncan, Prime Minister of Côte d’Ivoire
Paul Kagame, President of the Republic of Rwanda

Moderated by
James Mwangi, Executive Director, Dalberg, South Africa; Young Global Leader

20.00 - 22.00
Hotel InterContinental - Lilie/Aster

294 future of media

Breaking, Balanced, Boring?

“The medium is the message.”
– Marshall McLuhan

What does it take to create captivating and engaging content today?

Discussion Leaders
Kevin Delaney, President and Editor-in-Chief, Quartz - Atlantic Media, USA
Hu Shuli, Editor-in-Chief, Caixin Media, People’s Republic of China
Meredith Kopit Levien, Executive Vice-President and Chief Revenue Officer, New York Times, USA
Jason Mojica, Editor-in-Chief, Vice News, USA

Moderated by
Emily Bell, Professor and Director, Tow Center for Digital Journalism, Columbia University, USA; Global Agenda Council on Social Media
Friday 22 January

20.00 - 22.00
Hotel Derby - Fluela 1-2-3

295 institutional/mena

Building More Resilient Arab Economies

Join regional and global leaders in a dialogue on how economies across the Middle East and North Africa can accelerate the reform agenda while responding to immediate social and security imperatives.

This session is prepared in collaboration with the World Economic Forum’s Regional Business Council for the Middle East and North Africa.

Introduced by
Miroslav Dusek, Head of Middle East and North Africa, Member of the Executive Committee, World Economic Forum

Scott Gegenheimer, Group Chief Executive Officer, Zain Group, Kuwait

Ahmed Heikal, Chairman and Chief Executive Officer, Qalaa Holdings, Egypt

Majid Jafar, Chief Executive Officer, Crescent Petroleum, United Arab Emirates; Global Agenda Council on the Middle East and North Africa

Samer S. Khoury, President, Engineering and Construction, Consolidated Contractors Company (CCC), Greece; Global Agenda Council on Infrastructure

Discussion Leaders
Patrick Allman-Ward, Chief Executive Officer, Dana Gas, United Arab Emirates

Miriem Bensalah-Chaqroun, President, General Confederation of Moroccan Entreprises (CGEM), Morocco

Rola A. Dashit, Chairman, FARO International, Kuwait; Global Agenda Council on the Middle East and North Africa

Bassim Haidar, Group Founder and Chief Executive Officer, Channel IT Group, United Arab Emirates

Gassan Al Kibsi, Director, McKinsey & Company, Saudi Arabia; Young Global Leader

Remarks by
Philipp Rösler, Head of the Centre for Regional Strategies, Member of the Managing Board, World Economic Forum

Tammam Saeb Salam, President of the Council of Ministers of Lebanon

Special Remarks by
Suhail Bin Mohammed Al Mazrouei, Minister of Energy of the United Arab Emirates

Moderated by
Hadley Gamble, Reporter and Anchor, CNBC, United Kingdom

20.00 - 22.00
Hotel Sunstar Alpine - Parsenn 1-2-3

296 nejm/cancer treatment

The Future of Cancer Treatment

Despite progress in diagnostic and therapeutic capabilities, cancer remains a leading cause of death worldwide that will rise over coming decades. What promises do the latest research and therapies hold for treating cancer?

This dinner is hosted in collaboration with The New England Journal of Medicine.

Discussion Leaders
Sangeeta Bhatia, Professor of Engineering, Massachusetts Institute of Technology, USA

Francis S. Collins, Director, National Institutes of Health, USA; Global Agenda Council on the Future of the Health Sector

Aki Hintsa, Founder, Orthopaedic and Trauma Surgeon, Hintsa Performance, Switzerland

Charles Sawyers, Chairman, Human Oncology and Pathogenesis Program (HOPP), Memorial Sloan-Kettering Cancer Center, USA

Phillip Sharp, Institute Professor, Massachusetts Institute of Technology, USA

Moderated by
Jeffrey M. Drazen, Editor-in-Chief, The New England Journal of Medicine, USA

20.00 - 22.00
Hotel Cresta Sun - Restaurant

297 noble laureates/economics

Rethinking the State of the World with Nobel Laureates in Economics

Join an informal conversation with Nobel Laureates on economic imperatives for 2016.

Discussion Leaders
Edmund S. Phelps, Director, The Center on Capitalism and Society, Columbia University, USA; Global Agenda Council on the Economics of Innovation

Christopher Pissarides, Regius Professor of Economics, London School of Economics and Political Science, United Kingdom; Global Agenda Council on New Growth Models

Alvin Roth, Professor, Department of Economics, Stanford University, USA

Robert J. Shiller, Sterling Professor of Economics, Yale University, USA

A. Michael Spence, William R. Berkley Professor in Economics and Business, NYU Stern School of Business, Italy; Global Agenda Council on New Growth Models

Joseph E. Stiglitz, Professor, School of International and Public Affairs (SIPA), Columbia University, USA

Moderated by
Hadley Gamble, Reporter and Anchor, CNBC, United Kingdom
Rethinking the State of the World with Nobel Laureates in Science

“In all affairs it’s a healthy thing now and then to hang a question mark on the things you have long taken for granted.”
– Bertrand Russell

What are the scientific theories we can no longer take for granted if the world is to flourish over the next 50 years?

Discussion Leaders
Elizabeth Blackburn, President, Salk Institute for Biological Studies, USA
William E. Moerner, Harry S. Mosher Professor in Chemistry, Department of Chemistry, Stanford University, USA
Konstantin Novoselov, Director, National Graphene Institute, University of Manchester, United Kingdom; Young Scientist
John O’Keefe, Director, Sainsbury Wellcome Centre; Director, Department of Cell and Developmental Biology, University College London (UCL), United Kingdom
Randy Schekman, Professor, Department of Molecular and Cell Biology, University of California, Berkeley, USA
Brian Schmidt, Vice-Chancellor, Australian National University, Australia

Moderated by
Mariette DiChristina, Editor-in-Chief, Scientific American, USA; Meta-Council on Emerging Technologies

Cultural Leaders Dinner: Art and Politics

“I don’t believe in art. I believe in artists.”
– Marcel Duchamp

Should artists be concerned with beauty or with politics? Join the Cultural Leaders community in Davos for a rich dialogue on the role of artists in today’s world.

With
Amale Andraos, Dean, Graduate School of Architecture, Planning and Preservation, Columbia University, USA
Paola Antonelli, Senior Curator, Architecture and Design; Director, Research and Development, Museum of Modern Art, USA
Gabo Arora, Filmmaker and Senior Advisor, United Nations Development Programme (UNDP), USA
Nomintuya Baasankhuu, Deputy Director, Arts Council of Mongolia, Mongolia; Global Shaper
Carol Becker, Dean of Faculty, School of the Arts, Columbia University, USA
John Green, Novelist and YouTuber, vlogbrothers, USA
Michael E. Haefliger, Executive and Artistic Director, Lucerne Festival, Switzerland
David Hertz, Founder and Managing Director, Gastronomica, Brazil; Young Global Leader
Tim Jones, Chief Executive Officer, Artscape, Canada; Social Entrepreneur
Zoe Keating, Cellist and Composer, USA; Young Global Leader
Sarah Kenderdine, Professor and Director, Expanded Perception and Interaction Centre, University of New South Wales, Australia
Richard Kurin, Acting Provost; Undersecretary for Museums and Research, Smithsonian Institution, USA
Neri Oxman, Associate Professor of Media Arts and Sciences, Massachusetts Institute of Technology (MIT) Media Laboratory, USA
Mehmet Ozdogan, Archaeologist, Istanbul University, Turkey
Daniela Panaro, Chairperson and Co-Founder, Schwab Foundation for Social Entrepreneurship, Switzerland
Elif Shafak, Author, Turkey
Anant Singh, Producer, Videovision Entertainment, South Africa
Francis Sollano, Co-Founder, YFLC, Philippines; Global Shaper
Lynette Wallworth, Artist, Studio Wallworth, Australia
Joan Xu, Screenwriter, People’s Republic of China; Global Shaper

Special Remarks by
William Adams, Founder, I.Am.Angel Foundation, USA
Olafur Eliasson, Artist, Studio Olafur Eliasson, Germany; Young Global Leader
Mauro Fiorese, Photographer, Mauro Fiorese Fine-Art Photography, Italy
Sharmeen Obaid Chinoy, Documentary Filmmaker, SOC Films, Pakistan; Young Global Leader
Moderated by
Platon Antoniou, Photographer, People's Portfolio, USA
Mindfulness Meditation

Mindfulness meditation is the art of paying attention in the present moment, intentionally and non-judgementally.

Start the day with mindfulness expert Jon Kabat-Zinn to learn and experience the benefits of meditation.

With
Jon Kabat-Zinn, Professor of Medicine Emeritus, University of Massachusetts Medical School, University of Massachusetts, USA

Thrive in Uncertain Times

Discover how the neuroscience of perception and adaptation is changing the way we think about uncertainty, creativity and innovation in our daily lives.

This session is filmed and will be available on the World Economic Forum website at a later date.

Beau Lotto, Professor of Neurobiology, University College London (UCL), United Kingdom

Moderated by
Jean-François Manzoni, Professor of Management Practice; Shell Chaired Professor of Human Resources and Organizational Development, INSEAD, Singapore

Brain Power

Advances in technology are enabling us to interpret, hack into and make changes to the brain. What are the implications for health, education and privacy as new tools are developed to leverage the power of the mind?

The Loft is across from the Congress Centre on Promenade.

Nita A. Farahany, Professor, Law and Philosophy, Duke University, USA
Corinna E. Lathan, Chair of the Board and Chief Executive Officer, AnthroTronix, USA; Young Global Leader; Global Agenda Council on Artificial Intelligence & Robotics
Michael Platt, Professor of Neuroscience; Professor of Psychology; Professor of Marketing, Wharton School, University of Pennsylvania, USA
**Earth Time-Lapse: The Industrialization Impasse**

Embark on a visual exploration that reveals unprecedented urbanization and industrialization in our lifetime. The session features high-resolution satellite images from NASA’s Landsat Program, which provides the longest continuous global record of the Earth’s surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With

- **Ricardo Hausmann**, Director, Center for International Development, Harvard Kennedy School of Government, USA; Global Agenda Council on the Future of Manufacturing
- **Illah Nourbakhsh**, Professor, Robotics Institute, Carnegie Mellon University, USA

### 305 refugee experience 10

**A Day in the Life of a Refugee**

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

### 302 ideaslab/nature

**Building an Intelligent Machine: The Nature IdeasLab**

How are advances in artificial intelligence and robotics bringing us closer to a world in which humans and robots live and work together?

Discover and debate in the IdeasLab:

- **Idea 1**: Machines that can read human emotions
- **Idea 2**: The rise of social robotics
- **Idea 3**: Moral-making machines
- **Idea 4**: Verifying and validating machine intelligence

This session is filmed and will be available on the World Economic Forum website at a later date.

**Introduced by**

- **Philip Campbell**, Editor-in-Chief, Nature Magazine, United Kingdom; Global Agenda Council on Mental Health

**Discussion Leaders**

- **Vanessa Evers**, Professor of Human Media Interaction, University of Twente, Netherlands
- **Andrew Moore**, Dean, School of Computer Science, Carnegie Mellon University, USA
- **Maja Pantic**, Professor of Affective and Behavioral Computing, Imperial College London, United Kingdom
- **Alan Winfield**, Hewlett-Packard Professor of Electronic Engineering, University of the West of England, United Kingdom

**Facilitated by**

- **Joe Palca**, Science Correspondent, NPR, USA
**Saturday 23 January**

**09.00 - 10.15**
The Loft - Loft IdeasLab

304 loft/ideaslab berkeley

Manufacturing Reimagined: The University of California, Berkeley IdeasLab

From nano to neurological, how are emerging technologies reinventing the nature of manufacturing?

Discover and debate in the IdeasLab:
- Idea 1: The factory of the future fits in your home
- Idea 2: Manufacturing drugs and clean fuels with microbial refineries
- Idea 3: Engineering thoughts and memories
- Idea 4: Manufacturing dreams

The Loft is across from the Congress Centre on Promenade.

**09.00 - 10.00**
Congress Centre - Sertig

306 stop to think/freedom of speech

Stop to Think: Freedom of Speech vs Digital Multiculturalism

What are the limits of the freedom of expression in a social media era where words pass beyond borders and challenge beliefs?

Start the day with an informal conversation to explore and reflect on how technology is shaping our values, activities and choices.

**09.15 - 09.45**
Congress Centre - Humanitarian Hub

75 humanitarian hub/task-routing

Task-Routing for Humanity

How can social media and match-making technology be harnessed to make each of us a humanitarian agent?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

Located on the Lower Level of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

**Discussion Leaders**
- Sam Gregory, Programme Director, WITNESS, USA; Young Global Leader
- Salil Shetty, Secretary-General, Amnesty International, United Kingdom; Global Agenda Council on Fragility, Violence & Conflict

**Facilitated by**
- Elizabeth Piper, Chief Political Correspondent, Thomson Reuters, United Kingdom

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**Introduction by**
- Nicholas Dirks, Chancellor, University of California, Berkeley, USA; Global Agenda Council on Global Governance

**Discussion Leaders**
- Dan Yang, Professor of Neurobiology, University of California, Berkeley, USA
- Jack Gallant, Professor of Psychology and Neuroscience, University of California, Berkeley, USA
- Jay Keasling, Professor, Chemical Engineering and Bioengineering, University of California, Berkeley, USA
- Paul K. Wright, A. Martin Berlin Chair in Mechanical Engineering; Professor of Mechanical Engineering, University of California, Berkeley, USA

**Facilitated by**
- Tim Brown, Chief Executive Officer, IDEO, USA; Global Agenda Council on the Creative Economy
### The Future of Growth: Technology-Driven, Human-Centred

What systemic changes are required to ensure that technology can serve humanity to its fullest potential?

This session was developed in partnership with CNBC.

This session is televised and webcast live. Please arrive 15 minutes early, as the doors will be closed at the scheduled time.

Marc R. Benioff, Chairman and Chief Executive Officer, Salesforce, USA; Young Global Leader Alumnus

Erik Brynjolfsson, Director, MIT Initiative on the Digital Economy, MIT - Sloan School of Management, USA; Global Agenda Council on the Future of IT Software & Services

Sharan Burrow, General Secretary, International Trade Union Confederation (ITUC), Brussels; Co-Chair of the World Economic Forum Annual Meeting 2016; Meta-Council on the Circular Economy

Maurice Lévy, Chairman and Chief Executive Officer, Publicis Groupe, France

Moderated by Geoff Cutmore, Anchor, CNBC, United Kingdom

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#### Virtual Reality: Collisions

Join a group experience of the virtual reality film **Collisions**. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

**Collisions** is by acclaimed artist Lynette Wallworth, in partnership with Nyarri Morgan, an indigenous elder and artist. It is supported by the World Economic Forum, Sundance Institute and Ford Foundation, in partnership with Jaunt VR.

You can also experience the film on your own and at your own pace outside of scheduled session times.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With Lynette Wallworth, Artist, Studio Wallworth, Australia

#### Photo Projection: Perspectives

An introduction to **Perspectives**, a series of large-scale animated images in the Projection Space; focusing on cultural heritage, biodiversity, oceans and climate change, the series explores the world’s extraordinary diversity and our responsibility to nurture it.

**Perspectives** is a special collaboration between the World Economic Forum and National Geographic.

Please arrive early, as place is limited in the Transformation Hub.

With Joel Sartore, Contributing Photographer, National Geographic Magazine, USA
The Promise and Peril of Omnipresent Sensors: The Carnegie Mellon University IdeasLab

What are the possibilities and the dangers when practically everything can communicate with everything else?

Idea 1: Reimagining everyday devices as information-delivery systems
Idea 2: Cybersecurity in the age of always-connected sensors
Idea 3: Transforming the classroom with ubiquitous sensing
Idea 4: Personal privacy assistants in the age of the Internet of Things

The Loft is across from the Congress Centre on Promenade.

Introduced by
Subra Suresh, President, Carnegie Mellon University, USA

Discussion Leaders
Lorrie Cranor, Professor of Computer Science and of Engineering and Public Policy, Carnegie Mellon University, USA
Chris Harrison, Assistant Professor of Human-Computer Interaction, Carnegie Mellon University, USA; Young Scientist
Amy Ogan, Assistant Professor of Human-Computer Interaction, Carnegie Mellon University, USA
Anthony Rowe, Associate Professor of Engineering, Carnegie Mellon University, USA

Facilitated by
Gareth Mitchell, Lecturer, Broadcast Communication, Imperial College London, United Kingdom

The Global Economic Outlook

What are the top issues on the global economic agenda and how will they be addressed in the year ahead?

On the agenda:
- Rising income inequality and declining productivity
- Divergence in monetary policies among major economies
- Build-up of sovereign and corporate debt

Simultaneous interpretation in all languages

This session is webcast live.

Arun Jaitley, Minister of Finance, Corporate Affairs and Information and Broadcasting of India
Haruhiko Kuroda, Governor of the Bank of Japan; Global Agenda Council on Japan
Christine Lagarde, Managing Director, International Monetary Fund (IMF), Washington DC
George Osborne, Chancellor of the Exchequer and First Secretary of State of the United Kingdom
Tidjane Thiam, Chief Executive Officer, Credit Suisse, Switzerland; Co-Chair of the World Economic Forum Annual Meeting 2016

Chaired by
Martin Wolf, Associate Editor and Chief Economics Commentator, Financial Times, United Kingdom; Global Agenda Council on New Growth Models

Biotechnology Solutions for Ageing Populations: The Korea Advanced Institute of Science and Technology (KAIST) IdeasLab

How are biological sciences and health technologies addressing the manifold challenges of caring for ageing populations in an era of increasing longevity?

Discover and debate in the IdeasLab:
Idea 1: Rejuvenation via the microbiome
Idea 2: Traditional medicine reimagined through modern systems biology
Idea 3: Advanced mobile healthcare systems
Idea 4: A neural switch for being happy with less on a crowded planet

This session is filmed and will be available on the World Economic Forum website at a later date.

Discussion Leaders
Cho Byung-Kwan, Associate Professor, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea; Young Scientist
Kim Daesoo, Associate Professor of Genetics, Behaviour, Neuroscience, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
Lee Sang-Yup, Distinguished Professor and Director, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea; Global Agenda Council on the Future of Chemistry, Advanced Materials & Biotechnology
Lim Youn-Kyung, Associate Professor, Department of Industrial Design, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea

Facilitated by
Mariette DiChristina, Editor-in-Chief, Scientific American, USA; Meta-Council on Emerging Technologies
Saturday 23 January

10.45 - 12.00
Congress Centre - Wisshorn xChange

314 future conflict

Navigating the Geosecurity Landscape

How can leaders prepare for new threats to international security?

Session objectives:
- Explore implications of the new security context
- Identify actions that leaders must take to prepare for security threats
- Define opportunities for creating security and stability

Opening Remarks by
Espen Barth Eide, Head of Geopolitical Affairs, Member of the Managing Board, World Economic Forum

Discussion Leaders
Khalid Abdulla-Janahi, Chairman, Vision 3, United Arab Emirates
Kjell Grandhagen, Lieutenant General, Norwegian Armed Forces, Norway
Jean-Paul Paloméros, General, French Air Force, Ministry of Defence of France, France
Anne-Marie Slaughter, President and Chief Executive Officer, New America, USA; Global Agenda Council on the Future of Government

Special Guests
Taro Kono, Minister for National Public Safety, Administrative Reform, Civil Service Reform and Regulatory Reform of Japan

Facilitated by
John Chipman, Director-General and Chief Executive, International Institute for Strategic Studies (IISS), United Kingdom

11.00 - 12.00
The Loft - Loft BetaZone

317 loft/betazone solar impulse

Around the World without Fuel or Fear

Learn how breakthroughs in clean technology can take us to new heights with the explorers who broke the record for the world’s longest solo flight using only solar energy.

The Loft is across from the Congress Centre on Promenade.

André Borschberg, Co-Founder, Chief Executive Officer and Pilot, Solar Impulse, Switzerland
Bertrand Piccard, Initiator; Chairman and Pilot, Solar Impulse, Switzerland

Moderated by
Maurizio Travaglini, Founder and Chief Executive Officer, Architects of Group Genius, Italy

11.00 - 11.30
Congress Centre - Robot Space

310 meet the robot 6

Meet the Robot

Discover how advanced robotics will transform disaster response, with the Korea Advanced Institute for Science and Technology (KAIST), 2015 DARPA Robotics Challenge winner and developer of HUBO, a multifunctional walking humanoid robot.

Located on the Lower Level of the Congress Centre, next to the Information and Sign Up Desk

With
Oh Jun-Ho, Professor, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea

With
Oh Jun-Ho, Professor, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
Earth Time-Lapse: The Climate Crisis

Embark on a visual exploration that reveals the accelerating effects of climate change in our lifetime. The session features high-resolution satellite images from NASA’s Landsat Program, which provides the longest continuous global record of the Earth’s surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.

With
Naomi Oreskes, Professor of the History of Science, Harvard University, USA

Virtual Reality: Collisions

Join a group experience of the virtual reality film Collisions. Journey to the remote Great Sandy Desert in Western Australia to discover what happens when indigenous tradition meets Western science.

Collisions is by acclaimed artist Lynette Wallworth, in partnership with Nyarri Morgan, an indigenous elder and artist. It is supported by the World Economic Forum, Sundance Institute and Ford Foundation, in partnership with Jaunt VR.

You can also experience the film on your own and at your own pace outside of scheduled session times.

Located on the Middle Level of the Congress Centre

Please arrive early, as seating is limited in the Virtual Reality Space.

With
Lynette Wallworth, Artist, Studio Wallworth, Australia

Davos Brain Challenge

Test your brain’s abilities and explore how transformational digital services will shift the way we think about brain health and cognitive performance.

The Loft is across from the Congress Centre on the Promenade.

Introduced by
Corinna E. Lathan, Chair of the Board and Chief Executive Officer, AnthroTronix, USA; Young Global Leader; Global Agenda Council on Artificial Intelligence & Robotics
Tan Le, Founder and Chief Executive Officer, Emotiv Lifesciences, USA; Young Global Leader
Saturday 23 January

11.30 - 12.30
Congress Centre - Seehorn Arena

321 future family

Fast-Forward Family

How do business and society need to adapt to the changing nature of families?

On the agenda:
- Emerging healthcare and social security needs
- Evolving workplace norms and expectations
- Shifting breadwinner and care-giving roles

This session is filmed and will be available on the World Economic Forum website at a later date.

Yasuhisa Shiozaki, Minister of Health, Labour and Welfare of Japan
Kate Grinold Sigfusson, Founder and Chief Executive Officer, Babies4Babies, USA; Global Shaper

Moderated by
Mina Al-Oraibi, World Fellow, Yale University, United Kingdom; Young Global Leader; Global Agenda Council on the Middle East and North Africa

11.30 - 12.30
Congress Centre - Schwarzhorn BetaZone

320 betazone/digital masterpiece

The Digital Masterpiece

Explore the breakthrough technologies that are changing our personal relationship with art and heritage with media artist Sarah Kenderdine and mathematician Martin Vetterli.

This session is filmed and will be available on the World Economic Forum website at a later date.

Sarah Kenderdine, Professor and Director, Expanded Perception and Interaction Centre, University of New South Wales, Australia
Martin Vetterli, President, National Research Council, Swiss National Science Foundation (SNSF), Switzerland

Moderated by
Paola Antonelli, Senior Curator, Architecture and Design; Director, Research and Development, Museum of Modern Art, USA

11.30 - 12.30
Congress Centre - Aspen 1

336 shaping davos 5

Reimagining Urban Life

Urbanization continues unabated globally, but cities facing massive population growth cannot cope with rising infrastructure demands. How should citizens rethink, redesign and rebuild their cities?

On the agenda:
- Influencing key community behaviours
- Engaging citizens to solve municipal problems
- Deploying technology and smart systems

Global Shapers communities in Moscow, Pune, Jeddah and Islamabad will join the discussion online.

This session is webcast live.

Carlo Ratti, Director, SENSEable City Laboratory, MIT - Department of Urban Studies and Planning, USA; Global Agenda Council on the Future of Cities

Moderators
Jeff Jarvis, Professor, Graduate School of Journalism, City University of New York, USA
Connecting Mobile Populations

How can smartphone apps and mobile wallets serve populations on the move?

Enter the Humanitarian Hub for an informal dialogue on new and collaborative solutions to humanitarian challenges. This session was developed in partnership with the discussion leaders.

Located on the Lower Level of the Congress Centre

Please arrive early, as seating is limited in the Humanitarian Hub.

Discussion Leaders
Neal Keny-Guyer, Chief Executive Officer, Mercy Corps, USA; Global Agenda Council on Fragility, Violence & Conflict
Shamina Singh, Executive Director, MasterCard Center for Inclusive Growth, MasterCard, USA; Young Global Leader; Global Agenda Council on India

Facilitated by
Shannon May, Co-Founder and Chief Development Officer, Bridge International Academies, Kenya; Social Entrepreneur

The Virtual Peer

Experience how virtual robotic systems have the potential to provide a range of social services such as therapy or coaching, or to become a friend and confidant.

The Virtual Peer is designed to help students who struggle in traditional classroom settings. Come test how technologies like language recognition software and digital animation are converging to revolutionize the way we teach and learn.

The Loft is across from the Congress Centre on the Promenade.

Introduced by
Justine Cassell, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Global Agenda Council on Artificial Intelligence & Robotics

Japan's Future Economy

How will the Fourth Industrial Revolution revitalize Japan's economic growth?

On the agenda:
- Progress of Abenomics reforms
- Regional economic collaboration
- Boosting technology-driven productivity

Simultaneous interpretation in English and Japanese

This session is webcast live.

Akira Amari, Minister for Economic Revitalization and Minister for Economic and Fiscal Policy of Japan
Takeshi Niinami, President; Chief Executive Officer; Member of the Board; Representative Director, Suntory Holdings, Japan; Global Agenda Council on Japan
Adam Posen, President, Peterson Institute for International Economics, USA; Global Agenda Council on Global Economic Imbalances

Moderated by
Francine Lacqua, Editor-at-Large and Presenter, Bloomberg Television, United Kingdom
Saturday 23 January

12.00 - 13.30
Congress Centre - Throughout the Congress Centre

358 buffet

Davos Buffet

12.30 - 13.45
Hilton Garden Inn - -

324 refugee experience 11

A Day in the Life of a Refugee

Take part in this powerful experience to understand the struggles and choices that refugees face to survive each day. The experience is developed by the Crossroads Foundation and designed with refugees, internally displaced persons and NGOs.

After the experience, former refugees, field workers and others will discuss options for engagement with participants.

13.00 - 13.45
Congress Centre - Schwarzhorn BetaZone

325 betazone/bio design

Bio-Inspired Design

Explore with award-winning designer and architect Neri Oxman how biology and technology combine into new material ecosystems that both mimic and redefine nature, and their transformative effect on industrial design.

This session is filmed and will be available on the World Economic Forum website at a later date.

Neri Oxman, Associate Professor of Media Arts and Sciences, Massachusetts Institute of Technology (MIT) Media Laboratory, USA

Moderated by
Paola Antonelli, Senior Curator, Architecture and Design; Director, Research and Development, Museum of Modern Art, USA
Saturday 23 January

13.00 - 14.00
Congress Centre - Seehorn Arena

329 debate/intelligence services

Forum Debate: The Role of Intelligence Services

Are intelligence services too powerful or not powerful enough in a globalized world?

This session is part of the Forum Debate series on today’s dilemmas in economics, politics and society.

This session is filmed and will be available on the World Economic Forum website at a later date.

Introduced by
Espen Barth Eide, Head of Geopolitical Affairs, Member of the Managing Board, World Economic Forum

John Chipman, Director-General and Chief Executive, International Institute for Strategic Studies (IISS), United Kingdom

Kjell Grandhagen, Lieutenant General, Norwegian Armed Forces, Norway

Taro Kono, Minister for National Public Safety, Administrative Reform, Civil Service Reform and Regulatory Reform of Japan

Nico Sell, Co-Founder and Co-Chairman, Wickr, USA

Moderated by
David Rothkopf, Editor, The Foreign Policy Group, USA

13.00 - 14.00
Congress Centre - Sanada

330 global science outlook

Global Science Outlook

What are the top issues on the global science agenda and how will they be addressed in the year ahead?

On the agenda:
- Incentivizing science for societal impact
- Role of business in science
- Public trust and reliability of research findings

This session is webcast live.

Elizabeth Blackburn, President, Salk Institute for Biological Studies, USA

Suzanne Fortier, Principal, McGill University, Canada

Carlos Moedas, Commissioner, Research, Science and Innovation, European Commission, Brussels

Subra Suresh, President, Carnegie Mellon University, USA

Moderated by
Mariette DiChristina, Editor-in-Chief, Scientific American, USA; Meta-Council on Emerging Technologies

13.00 - 14.15
Congress Centre - Flüela IdeasLab

326 davos insights/disruption

Mastering the Future: Managing Disruption

How can we best manage the Fourth Industrial Revolution?

Join a collaborative session to synthesize key insights from the Annual Meeting and explore pathways to impact.

Introduced by
Mark Spelman, Co-Head, Future of the Internet Initiative, World Economic Forum

With
Justine Cassell, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Global Agenda Council on Artificial Intelligence & Robotics

Arthur Huang, Founder and Chief Executive Officer, Miniwiz, Chinese Taipei

Angela Kane, Senior Fellow, Vienna Center for Disarmament and Non-Proliferation, Austria; Global Agenda Council on Nuclear Security

Khalid Koser, Executive Director, Global Community Engagement and Resilience Fund (GCERF), Switzerland; Global Agenda Council on Migration

Sara Menker, Founder and Chief Executive Officer, Gro Intelligence, Kenya; Young Global Leader; Global Agenda Council on Africa

Anne-Marie Slaughter, President and Chief Executive Officer, New America, USA; Global Agenda Council on the Future of Government

Facilitated by
Moisés Naím, Distinguished Fellow, Carnegie Endowment for International Peace, USA; Global Agenda Council on Geo-economics
Mastering the Future: 21st Century Governance

What are new governance models to solve global challenges?
Join a collaborative session to synthesize key insights from the Annual Meeting and explore pathways to impact.

Introduced by
Dominic Kailash Nath Waughray, Head of Public-Private Partnership, Member of the Executive Committee, World Economic Forum

With
Rachael Chong, Founder and Chief Executive Officer, Catchafire, USA; Young Global Leader
Robert Kagan, Senior Fellow, Brookings Institution, USA; Global Agenda Council on the United States
Mark Leonard, Director, European Council on Foreign Relations (ECFR), United Kingdom; Young Global Leader Alumnus; Global Agenda Council on Geo-economics
Jessica Long, Managing Director, Strategy and Sustainability, Accenture, USA; Young Global Leader
Hélène Rey, Professor of Economics, London Business School, United Kingdom; Global Agenda Council on Global Economic Imbalances
Robyn Scott, Co-Founder and CEO, Apolitical, United Kingdom; Young Global Leader

Facilitators
Michael Moller, Director-General, United Nations Geneva (UNOG), Geneva; Global Agenda Council on Global Governance

Mastering the Future: Emerging Global Norms

What sets of values can unify polarizing societies now and in the future?
Join a collaborative session to synthesize key insights from the Annual Meeting and explore pathways to impact.

Introduced by
Nicholas Davis, Head of Society and Innovation, Member of the Executive Committee, World Economic Forum

With
Kathy Calvin, President and Chief Executive Officer, United Nations Foundation, USA
Jeremy Helmans, Co-Founder and Chief Executive Officer, Purpose, USA; Young Global Leader; Global Agenda Council on Civic Participation
Michael H. Posner, Co-Director, Center for Business and Human Rights, NYU Stern School of Business, USA; Global Agenda Council on Human Rights
Lutfey Siddiqi, Global Head, Emerging Markets, FX, Rates and Credit, UBS Investment Bank, United Kingdom; Young Global Leader; Global Agenda Council on the Future of Financing & Capital
Stewart Wallis, Executive Director, New Economics Foundation, United Kingdom; Meta-Council on Inclusive Growth
Joan Xu, Screenwriter, People's Republic of China; Global Shaper
Amira Yahyaoui, Founder and Chair, Al Bawsala, Tunisia; Co-Chair of the World Economic Forum Annual Meeting 2016; Global Shaper

Facilitated by
Brian Gallagher, President and Chief Executive Officer, United Way Worldwide, USA

Earth Time-Lapse: The Race for Resources

Embark on a visual exploration that reveals humanity's accelerating use of resources in our lifetime. The session features high-resolution satellite images from NASA's Landsat programme, which provides the longest continuous global record of the Earth's surface.

Located on the Lower Level of the Congress Centre, opposite the Plenary Bar

Please arrive early, as seating is limited in the Earth Space.
### Clouds Over Sidra

Join a special screening of this virtual reality experience to embark on an immersive journey into the daily life of Sidra, a young Syrian girl living in a refugee camp in Jordan.

Clouds Over Sidra was commissioned by the United Nations and created by Gabo Arora and Chris Milk.

**Located on the Middle Level of the Congress Centre**

Please arrive early, as seating is limited in the Virtual Reality Space.

**With**
- **Gabo Arora**, Filmmaker and Senior Advisor, United Nations Development Programme (UNDP), USA

### Staying Human

As emerging technologies open up new prospects for enhancing health and productivity, how can we ensure that our humanity and humanness are not lost?

**Simultaneous interpretation in all languages**

**This session is webcast live.**

**With**
- **Justine Cassell**, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA; Global Agenda Council on Artificial Intelligence & Robotics
- **Jennifer Doudna**, Professor of Chemistry and of Molecular and Cell Biology, University of California, Berkeley, USA
- **Henry T. Greely**, Deane F. and Kate Edelman Johnson Professor of Law, Stanford University, USA
- **Angela Hobbs**, Professor of the Public Understanding of Philosophy, University of Sheffield, United Kingdom
- **Amira Yahyaoui**, Founder and Chair, Al Bawsala, Tunisia; Co-Chair of the World Economic Forum Annual Meeting 2016; Global Shaper

**Chaired by**
- **Klaus Schwab**, Founder and Executive Chairman, World Economic Forum

### Closing Performance

The Annual Meeting 2016 draws to a close with a powerful musical and visual performance by cellist and composer Zoe Keating.

**Simultaneous interpretation in all languages**

**This session is webcast live.**

**With**
- **Zoe Keating**, Cellist and Composer, USA; Young Global Leader
Saturday 23 January

19.00 - 23.00
Hotel InterContinental - -

335 soirée

Jazz and African Rhythms at the InterContinental

Move to the rhythm of Mafikizolo, South Africa's top musical ensemble, to wrap up your Davos experience with new friends and old. The dress code for the soirée is black tie or traditional national dress, and sign-up is required.