

ANNUAL MEETING 2017

**Annual Meeting 2017
Technology Pioneers attendees - with individual profiles**

as of 5 December 2016

| | | | |
|----------------------|---|------------------------------|-------------|
| Yonatan Adiri | Founder and Chief Executive Officer | Healthy.io | Israel |
| Brian Ballard | Co-Founder and Chief Executive Officer | APX Labs | USA |
| Patrick Brown | Founder and Chief Executive Officer | Impossible Foods | USA |
| John Carrington | Chief Executive Officer | Stem Inc. | USA |
| Yet-Ming Chiang | Co-Founder and Chief Scientist | 24M Technologies, Inc. | USA |
| James Crawford | Founder and Chief Executive Officer | Orbital Insight | USA |
| Eric David | Co-Founder and Chief Strategy Officer | Organovo Inc. | USA |
| Sean Duffy | Co-Founder and Chief Executive Officer | Omada Health | USA |
| Tim Fell | Chief Executive Officer | Synthace | UK |
| Andrew Fursman | Chief Executive Officer | 1QB Information Technologies | Canada |
| Robin Gilthorpe | Chief Executive Officer | WaterSmart Software | USA |
| Bob Goodson | Chief Executive Officer and Founder | Quid | USA |
| Ron Gutman | Founder and Chief Executive Officer | HealthTap | USA |
| Marjolein Helder | Chief Executive Officer | Plant-e BV | Netherlands |
| Timothy Hwang | Chief Executive Officer | FiscalNote | USA |
| Philippe Inagaki | Chief Executive Officer | Voxel 8 | USA |
| Jason Kelly | Chief Executive Officer | Ginkgo Bioworks | USA |
| Thibaud Le Séguillon | Chief Executive Officer | Heliatek GmbH | Germany |
| Rob Leslie | Chief Executive Officer | Sedicii Innovations Limited | Ireland |
| Maxim Lobovsky | Chief Executive Officer | Formlabs | USA |
| Rod MacGregor | President and Chief Executive Officer | GlassPoint Solar | USA |
| Anmol Madan | Co-Founder and Chief Executive Officer | Ginger.io Inc. | USA |
| Stuart McClure | Chief Executive Officer and President | Cylance Inc. | USA |
| Justin Moore | Chief Executive Officer | Axcient | USA |
| Daniel Nadler | Chief Executive Officer | Kensho | USA |
| Amit Narayan | Founder and Chief Executive Officer | Autogrid Systems Inc. | USA |
| Patrick Nee | Chief Executive Officer | Universal Bio Mining | USA |
| Andreas Raptopoulos | Chief Executive Officer | Matternet Inc. | USA |
| Jonathan M. Rothberg | Chairman, Chief Executive Officer and Founder | Butterfly Network, Inc. | USA |
| Bogdan Serban | Chief Executive Officer | APATEQ | USA |
| Matthew Silver | Founder and Chief Executive Officer | Cambrian Innovation Inc. | USA |
| Peter Smith | Chief Executive Officer | Blockchain | UK |
| Ian Wright | Founder and Chief Executive Officer | Wrightspeed | USA |

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Yonatan Adiri
Founder and Chief Executive Officer
Healthy.io
(Israel)

Healthy.io is a technology company led by a team of world-class image recognition and product experts - focusing on the digitization and FDA approval of key medical procedures. The company is driven by the vision of turning everyday smartphone images into powerful medical devices.

Personal: Yonatan Adiri is an entrepreneur with a proven track record of executing disruptive innovation across the government and business spheres. He is Founder and Chief Executive Officer of OwnHealth, a start-up that develops advanced image and colour recognition capabilities to enable affordable decentralized healthcare. In 2008, Adiri was entrusted by Shimon Peres, President of Israel, to serve as his first Chief Technology Officer. During his tenure, he devised a creative policy of technological diplomacy, forging a set of global collaborations in the water, space, agro and biomedical fields. His unique experiences led him to develop a management framework titled "An Era of Permanent Revolution", which stands at the core of his advisory role with global leaders. Adiri serves on the Board of Israel Brain Technologies. He holds an MA in Counter Terrorism from Tel Aviv University and graduated as President of the inaugural class of the NASA-based Singularity University, where he co-founded car sharing pioneer, Getaround, a 2011TechCrunch Disrupt winner.



Brian Ballard
Co-Founder and Chief Executive Officer
APX Labs
(USA)

APX Labs develops smart glasses based solutions for the industrial and commercial workforce. APX Labs provides its Skylight platform to leading Global 1000 enterprises in manufacturing, logistics, oil & gas, and field services with active users in the US, Europe, and Middle East.

APX Labs' Skylight platform enables users to interact with existing business processes where they can access data and applications, broadcast point-of-view video or photos to colleagues, and receive live assistance on a heads up display without having to move away from their work. It drives improved productivity, operational flexibility, and process compliance and safety for the connected workplace.

Personal: Brian Ballard is the Chief Executive Officer of APX Labs. From manufacturing and field service, to logistics and transportation, Brian envisions that wearables will empower deskless workers across all industries. He has contributed to book, multiple publications, and patents related to wearable computing. Brian holds a BS and MS in ECE from Carnegie Mellon University.

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Patrick Brown
Founder and Chief Executive Officer
Impossible Foods
(USA)

Impossible Foods is creating meat and dairy substitutes directly from plants. They aim to eliminate the destructive environmental impact of the global animal farming industry by inventing sustainable and scalable ways to produce delicious, nutritious and affordable meat and dairy foods. Their technology transforms nutrients from plant crops directly into foods that have the flavours and textures of meat and dairy products, with all of the nutritional value.

Personal: Patrick O. Brown, M.D., Ph.D., is founder and CEO of Impossible Foods. Pat founded Impossible Foods to replace the world's most environmentally destructive industry - animal farming - by making irresistibly delicious, healthy and affordable meats and cheeses directly from plant ingredients. Pat is also a founder of Lyrical Foods, maker of Kite Hill artisanal nut-based cheeses, and the Public Library of Science (PLOS), a nonprofit publisher that pioneered the open-access business model.

Pat was previously a Professor of Biochemistry and a Howard Hughes Medical Institute Investigator at the Stanford University School of Medicine. Notable accomplishments of Pat's research group at Stanford included discovering the biochemical mechanism by which HIV inserts its genes into human cells, developing tools that for the first time enabled the expression patterns of whole genomes to be detected and profiled, and pioneering the use of gene expression patterns to improve classification, diagnosis and individualized treatment of human cancers.



John Carrington
Chief Executive Officer
Stem Inc.
(USA)

Stem creates innovative solutions that are changing the way energy is distributed and consumed. Stem combines powerful learning software and advanced energy storage, simultaneously helping businesses better manage energy costs while creating a more efficient electrical grid.

Personal: John Carrington, CEO and Director, has a distinguished track record with over 25 years of proven leadership in technology, energy and industrial companies. John comes to Stem from thin film solar company MiaSole, the largest CIGS-based solar company globally with over \$550 million of investment, where he was Chief Executive Officer. John executed on the sale of MiaSole to Hanergy in December 2012. Prior to MiaSole, John was Executive Vice President of Marketing and Business Development at First Solar where he grew the company revenue from \$400 million to \$2 billion, opening markets in the US, Asia and Europe. John also spent over 16 years at General Electric, most recently as General Manager and Chief Marketing Officer of the \$7 billion GE Plastics global organization where he led global innovation, new technology efforts and product strategy for over 30,000 customers. John was part of a small executive team that executed on the \$12 billion sale of GE Plastics to SABIC in 2007. While at GE, John led innovation efforts in the healthcare, electronics, business equipment, transportation and aviation, solar, wind, defense, telecommunications, security and media sectors. He is an alumnus of the University of Colorado.

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Yet-Ming Chiang
Co-Founder and Chief Scientist
24M Technologies, Inc.
(USA)

24M answers the world's need for affordable energy storage by enabling a new, more cost-effective solution - semisolid lithium-ion battery technology. By reinventing the design of the battery cell as well as the manufacturing method, 24M solves the critical, decades-old challenge associated with the world's preferred energy storage chemistry: reducing its high cost while bettering its performance. Founded and led by some of the battery industry's foremost inventors, scientists and entrepreneurs, 24M is headquartered in Cambridge, Massachusetts.

Personal: 1980, SB degree and 1985, doctorate in Science, MIT. Since 1984, Faculty Member, MIT, currently, Kyocera Professor, Department of Materials Science and Engineering, research and teaching focuses on advanced materials and their role in technologies for energy storage and generation, medical devices, smart structures, and micro and nano electronics; Founding Scientist, American Superconductor, a manufacturer of high-temperature, superconducting wire for energy and power applications and A123Systems, known for ultra-high power, long life rechargeable battery technology used in cordless power tools, hybrid and plug-in hybrid electric vehicles and other developing energy storage applications.



James Crawford
Founder and Chief Executive Officer
Orbital Insight
(USA)

Orbital Insight is a geospatial big data company using deep learning to discover social, economic and agricultural trends through satellite-image analysis. The company's technology serves as a "macroscope" allowing the study of trends that are located in hidden places, with poor official data, or too large to be seen by the human eye. From cars in parking lots to trees in the rainforest, Orbital Insight can analyse any type of aerial imagery to deliver insights used to make market decisions.

Personal: James Crawford is the Founder and Chief Executive Officer of Orbital Insight. He has two decades of experience leading innovative software projects: empowering farmers with climate data at the Climate Corporation, working on a commercial robot on the moon at Moon Express, making the world's books searchable as the head of Google Books, and managing robotics at the NASA Ames Research Center. At Orbital Insight, he's using software expertise to create a whole new source of market data for a wide range of industries. He holds a Ph.D. in computer science from The University of Texas at Austin.

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Eric David
Co-Founder and Chief Strategy Officer
Organovo Inc.
(USA)

Organovo is a human tissues company that uses a cutting edge 3D bio-printing platform to produce 3D, functional, architecturally correct human tissues for medical research and therapeutic applications.

Personal: BA in Physics and Fine Arts, Amherst College; JD, Columbia University School of Law; MD, Columbia University College of Physicians and Surgeons. Board certified in Internal Medicine and admitted to the Bar, New York State. Formerly: Internal Medicine residency and Assistant Chief Resident, New York Presbyterian Hospital; Assistant Professor, The Rogosin Institute; adjunct faculty, The Rockefeller University; Lecturer in Medicine, Weil Cornell Medical College; Associate Principal, Healthcare practice, McKinsey & Co. Co-Founder and Chief Strategy Officer, Organovo.



Sean Duffy
Co-Founder and Chief Executive Officer
Omada Health
(USA)

Omada Health is a digital behavioural medicine company that inspires and enables people to change the habits that put them most at risk for serious but largely preventable chronic conditions like heart disease and type 2 diabetes. Since its founding, Omada has enrolled 55,000 participants across all 50 states. The company operates on a pay-for-outcomes pricing model that aligns the company's incentives with the goals of its partners and participants. Omada works with self-insured employers, health plans and health systems.

Personal: Sean Duffy is the Co-Founder and Chief Executive Officer of Omada Health. Formerly an employee at Google and IDEO, Sean was an MD/MBA candidate at Harvard, and received a BS in neuroscience from Columbia University. An in-demand speaker and thought leader, Sean's past speaking engagements include the JPMorgan Healthcare Conference, SXSW Interactive, Stanford Medicine X, Health 2.0, and the HealthTech Conference. He has written extensively about digital health and the future of healthcare in The Wall Street Journal, Forbes, and TechCrunch.

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Tim Fell
Chief Executive Officer
Synthace
(United Kingdom)

Synthace produces bio-based chemical products through the application of synthetic biology. The company harnesses the ability of micro-organisms to produce complex, high-value chemical and biological products from sustainable and renewable feedstocks. While Synthace bioengineering is broadly applicable across multiple industry sectors, the company is initially focused towards applications in the production of specialty chemicals.

Personal: Tim Fell is an experienced technology venture entrepreneur with an R&D background in both the physical and life sciences. Before joining Synthace he spent 7 years as Chief Operating Officer of CellCentric, a leading epigenetics drug discovery company. Prior to that he was Chief Technology Officer of Arrow Therapeutics and was co-founder and General Manager of DNA microarray tools company Oxford Gene Technology (Operations). Before entering the commercial world Tim spent 13 years performing highly interdisciplinary research at the University of Oxford holding post-doctoral positions in three different departments (Biochemistry, Engineering and Materials). He has a D.Phil in Semiconductor Materials and an MBA from London Business School. Tim is the Chairman of the UK BioIndustry Association's Synthetic Biology Advisory Committee and also a member of the Synthetic Biology Leadership Council co-chaired by The Minister of State for Universities and Science.



Andrew Fursman
Chief Executive Officer
1QB Information Technologies (1QBit)
(Canada)

1QBit is the world's first software company dedicated to producing applications for quantum computers. Focusing on finance, energy and the life sciences, 1QBit employs optimization and machine learning to produce new insights and improve efficiency.

Personal: Degree in Economics, University of Waterloo; degree in Philosophy and Political Science, University of British Columbia; Graduate Studies Program, studying exponential technologies at NASA Ames research centre, Singularity University; 2011, graduate degree in Financial Engineering, MS&E programme, Stanford, Hong Kong. Has worked with a range of organizations, from the earliest stage start-ups to the largest scale institutions. At 19, Junior Economist, Canadian Federal Government; then with Quack.com, Waterloo, Ontario; after Quack was acquired by America Online, by age 20, member of the inaugural team, AOL Time Warner's Voice Services Division, focused on speech recognition analysis. Founded a group of small companies and experimented with a number of technologies. 2010, Co-Founder, Satellogic nanosatellites; 2011, Founding Partner, Minor Capital VCC investments. 2012, Co-Founder and Chief Executive Officer, 1QBit. Interests: quantum computation; kayaking in the gulf islands; exploring practical applications of microbiology at a small home laboratory on Vancouver Island dedicated to experiments with *saccharomyces cerevisiae*.

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Robin Gilthorpe
Chief Executive Officer
WaterSmart
(USA)

Founded in late 2009, WaterSmart Software helps communities of all sizes save water, energy and money by applying big data to complement existing investments in physical infrastructure. Using a combination of behavioural psychology, big-data analytics and cloud computing, WaterSmart analyses water use and generates individual communications for millions of water users, comparing results to those with similar characteristics, and makes personalized water-related recommendations. WaterSmart solutions are proven to reduce water consumption by 5% while increasing customer satisfaction and reducing operating costs.

Personal: Recovering economist and still-addicted motorcyclist, Robin Gilthorpe grew up in Europe, but lived and worked in a dozen cities on 3 continents. Good at running things, but great at building things, he is fascinated by real lives, great design, the interaction of the digital and physical worlds.

BSc and BA in Economics and Italian, University of Lancaster, UK; studies in Econometrics, Università di Bologna. Former executive: New Era of Networks, TIBCO. CEO: Terracotta. Former board member: Software AG, Datasynapse.



Bob Goodson
Founder
Quid
(USA)

Quid has created a new type of software that allows users to "read" massive amounts of information at one time. We do this by indexing billions of high value documents and then allowing users to view interactive visual maps of the data on the fly, and so navigate their way through the world's collective intelligence and see relationships that were previously hidden.

Quid is based in San Francisco and is backed by investors including Founders Fund, Tiger Capital and Liberty Media. Clients include the U.S. Department of Defence, Walmart, BCG, and Intel as well as many other large corporations.

Personal: Bob Goodson is the Founder of Quid, a Silicon Valley company building next-generation information software with a 100-person team and \$60MM of funding. Bob is a recognized leader and strategist in technology and innovation. He has advised senior executives at some of the world's largest semiconductor and consumer electronics companies. Bob's work has been featured in the FT, Bloomberg, and CNBC. Before Quid, Bob was part of the founding team at Yelp (NYSE: YELP). Bob studied at the University of Oxford.

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Ron Gutman
Founder and Chief Executive Officer
HealthTap
(USA)

HealthTap has reinvented the way hundreds of millions of people all over the world take care of their health and wellbeing by connecting them with the most trusted health information and doctors. Through its top-rated web, mobile, and wearable apps, HealthTap provides patients with an unparalleled, engaging healthcare experience. HealthTap's proprietary triaging system uses data, natural language processing, and machine learning techniques to provide patients with the right care, at the right time, and at the right cost.

Personal: Ron is HealthTap's Founder and CEO. He is responsible for the company's innovation, vision, and product. Ron is also an avid public speaker and writer, frequently presenting at health and technology conferences (TED, SXSW, and Health 2.0) and contributing pieces appearing in leading publications (Forbes, the Huffington Post, and TEDBooks). Additionally, he is an angel investor, company advisor, and serves as the Curator of TEDx Silicon Valley. More on Ron is available at: www.healthtap.com/rongutman



Marjolein Helder
Chief Executive Officer
Plant-e BV
(Netherlands)

Plant-e has been a World Economic Forum technology pioneer since 2015. Plant-e develops and produces products that generate electricity from living plants. While plants grow, electricity can be directly generated without harvesting the plant. This works day and night and year-round. By using this technology, a new sustainable energy comes into view that enables the world to produce electricity in combination with other applications on the same land. Plant-e is based in Wageningen, the Netherlands.

Personal: PhD in Environmental Technology, researching electricity production from living plants. Concurrently, founded spin-off company Plant-e to bring this innovative technology to the market. Fully committed to further developing Plant-e and its products. Plant-e's technology makes it possible to produce electricity with plants while the plants keep growing. This offers new opportunities for multiple land-use, combining energy with food/feed or nature at the same surface area. Board Member, several organizations. Rugby player. Singer.

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Timothy Hwang
Chief Executive Officer
FiscalNote
(USA)

FiscalNote is on a mission to build the world's most powerful platform for analyzing government risk. Every day, FiscalNote transforms the way global organizations work by unlocking government data to make it accessible and actionable. Its flagship platform provides real-time legislative predictive capabilities as well as enterprise collaboration and visualization tools for data on campaign finance, demographics, news, and open data to government relations professionals to help them make faster decisions.

Personal: Tim Hwang is currently the Founder and Chief Executive Officer of FiscalNote, the largest legal tech startup in the United States. Prior to starting FiscalNote, Hwang started his career in politics working for the Obama '08 campaign at the age of 16 and was elected to the Montgomery County Board of Education at 17, overseeing a budget of over \$4 Billion for 22,000 public employees. He was profiled in the Forbes 30 Under 30 for Law and Policy, is a previous Ernst and Young Entrepreneur of the Year, and was named by CNN as one of the Top 10 most disruptive startups of 2015. Hwang has an AB from Princeton and is currently deferring Harvard Business School.



Philippe Inagaki
Chief Executive Officer
Voxel 8
(USA)

Voxel 8 has created a multi-material 3D printer for fabricating embedded electronics and other novel devices. The company's disruptive platform enables designers and engineers to integrate form and function in 3D printed objects. Launched in Fall 2014, Voxel8 leverages over a decade of patented research on printing functional materials from Harvard Professor Jennifer Lewis. Ultimately, Voxel8's technology pipeline will enable the mass customization of electronics and other finished products.

Personal: Philippe Inagaki is currently the Chief Executive Officer of Voxel 8. Prior to that, he co-founded Polyera Corporation in 2005 and serves as its Chief Executive Officer. Mr. Inagaki worked in operations and business development roles at high-tech start-ups in a variety of fields including biomaterials and embedded electronics. He has also led technology scouting and investment efforts in universities across the US, and has given guest lectures on Entrepreneurship at Northwestern's Kellogg School of Management. Philippe Inagaki holds an A.B. in Physics magna cum laude from Princeton University where he received the Allen Goodrich Shenstone Prize for excellence in research.

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Jason Kelly
Chief Executive Officer
Ginkgo Bioworks
(USA)

Ginkgo designs yeast that produce flavor, fragrance, cosmetic, nutrition, and food ingredients. These yeast can be used in a brewing process to produce these ingredients with lower COG and better supply stability than traditional extraction from plants. Ginkgo designs these yeast using their 18K sqft Boston facility, Bioworks1, that replaces by-hand lab work with robotic automation and software. The company recently raised over \$50M in venture capital to expand their facilities. To date Ginkgo has 25 organisms under contract to develop for 10 customers, including Fortune 500 companies.

Personal: Dr. Jason Kelly is the Co-Founder and Chief Executive Officer of Ginkgo Bioworks. Prior to Ginkgo, Jason received B.S. degrees in Chemical Engineering and Biology and a PhD in Biological Engineering all from MIT. His doctoral research included the development of a widely adopted measurement standard for characterizing transcriptional elements.



Thibaud Le Séguillon
Chief Executive Officer
Heliatek GmbH
(Germany)

Heliatek is a technology leader in organic photovoltaics, holding the world record for efficiency at 13.2%. Through its leading-edge material development and proven capability for industrial manufacturing, Heliatek is the first company to begin commercialization of large area OPV solar film - HeliaFilm®. Its business model is to supply the custom-designed HeliaFilm® to partners in the building and construction material industry as well as automotive customers. Heliatek has successfully combined its solar film with materials like glass, concrete, steel, aluminium and PVC membranes.

Personal: More than 20 years of executive management experience at high-technology electronic companies addressing diverse markets such as medical, consumer, communications, automotive and electronic identification • Years of international experience, including 15 years in the USA and 5 years in China. Master of Business Administration, Master of Science.

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Rob Leslie
Chief Executive Officer
Sedicii Innovations Limited
(Ireland)

Sedicii has developed and patented a technology that eliminates the transmission, storage and exposure of private user data during an identity verification or authentication process. This reduces identity theft, impersonation and fraud. Sedicii enables enterprises and users to consume digital services without sharing or exposing their private data. In its simplest form the Sedicii process eliminates the need for enterprises to store user passwords. By eliminating the storage of this sensitive data, a potentially huge liability has been removed from the enterprise.

Personal: Spent nearly 20 years in Japan in senior management and director-level positions with Datacraft Japan, PTS, eSafe Japan, a niche technology services company servicing foreign multi-nationals in Japan, and Dell Japan, having been part of the launch team for Dell Japan. 2007, co-founded Kyckr (formerly Global Business Register), which specializes in identity and compliance solutions for companies; currently, Chief Operating Officer. 2013, founded Sedicii, which allows the secure authentication of individuals, using a novel technology called zero knowledge proof, where identity can be proven without exposing private data. Mentor with Enterprise Ireland, providing advice to high-potential start-up companies. Active investor in various start-up companies in the technology and biotech spaces.



Maxim Lobovsky
Chief Executive Officer
Formlabs
(USA)

Formlabs designs and manufactures powerful and accessible 3D printing systems for engineers, designers and artists. The company's recently redesigned Form 2 uses stereolithography to create high-resolution physical objects from digital designs. Founded in 2012 by a team of engineers and designers from the MIT Media Lab and Center for Bits and Atoms, the company has grown to over 100 employees, expanded sales and operations from the US into the EU, Australia and Asia, and raised over \$20 million in venture capital.

Personal: Max Lobovsky is co-founder and CEO of Formlabs, leading efforts to build the world's largest professional desktop 3D printing company. Formlabs pioneered the new category of professional desktop 3D printing in 2012 when it launched the world's first affordable, powerful desktop stereolithography 3D printer. Today Formlabs sets the benchmark in professional desktop 3D printing as the industry leader in designing and manufacturing powerful and accessible 3D printing systems. Prior to starting Formlabs, Lobovsky led the efforts at Fab@Home, one of the industry's earliest open-source 3D printing projects which has been instrumental to setting up labs in schools worldwide. A Forbes' 30 Under 30 recipient, Lobovsky holds a B.S. in Applied Engineering and Physics from Cornell University and a M.S. in Media Arts and Sciences from MIT.

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Rod MacGregor
President and Chief Executive Officer
GlassPoint Solar
(USA)

GlassPoint is creating a new market for solar energy: solar for the oil and gas industry. Producing oil is becoming increasingly energy intensive. GlassPoint is focused on providing the lowest cost thermal energy for oil and gas applications, such as thermal enhanced oil recovery (EOR). This market amounts to a \$115 billion opportunity for solar at the oilfield, with tremendous potential for solar market growth and carbon emissions reductions.

GlassPoint designed its enclosed trough technology to overcome the operating challenges found in harsh oilfield environments. When used for thermal enhanced oil recovery (EOR), GlassPoint solar steam generators can reduce an oilfield's gas consumption and carbon emissions by up to 80%. The gas saved can be redirected towards the export market or other high value uses, such as industrial development and electricity generation. By saving valuable gas resources, GlassPoint projects can transform the local economies where it operates.

Personal: Rod MacGregor is the Co-Founder and Chief Executive Officer of GlassPoint Solar, the leading provider of solar for the oil and gas industry. For more than three decades, MacGregor has led global companies across the United States, the UK, China and the Middle East. MacGregor's companies have partnered with a range of multinational corporations in the energy and technology industries, including Royal Dutch Shell, AT&T, Intel and Volkswagen. Rod is an engineer by trade. His first company, Insignia Solutions Ltd., received the Queen of England's award for technical achievement and the Queen's award for export achievement, and subsequently went public on NASDAQ. Rod MacGregor has founded three other venture capital-backed companies.



Anmol Madan
Co-Founder and Chief Executive Officer
Ginger.io Inc.
(USA)

Ginger.io uses patient smartphones to improve mental health care. Our app uses sensor data collected through the phone and self-reported information to identify people who may need help. Healthcare providers can use this data to deliver support to the right people at the right time—making care more timely, effective and engaging. Ginger.io is currently working with leading U.S. healthcare institutions including Kaiser Permanente, UCSF, Novant Health and Centerstone/CRI. A spinoff from the MIT Media Lab, Ginger.io was recently named one of The World's Top 10 Most Innovative Companies in Healthcare by Fast Company.

Personal: PhD, Massachusetts Institute of Technology (MIT) Media Lab. Co-founded Ginger.io; as Chief Executive Officer, leads overall product vision and business strategy. Extensive research experience in modelling large-scale human behaviour data using statistical models and pattern recognition technology; past research has been featured in academic publications in computer science and frequently cited in popular media and press. Frequent international speaker on the topics of behavioural analytics, machine learning, data privacy and healthcare entrepreneurship.

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Stuart McClure
Chief Executive Officer and President
Cylance Inc.
(USA)

Cylance is the first company to apply artificial intelligence, algorithmic science and machine learning to cyber security. By coupling sophisticated math and machine learning with a unique understanding of a hacker's mentality, Cylance is truly predictive and preventive against advanced threats. All other comparable vendors focus on detection and response, a reactive operationally expensive model. Being predictive and preventive reduces the total attack surface as well as the resources for monitoring, maintaining and recovering.

Personal: World recognized leader in cybersecurity. Founder of three successful cybersecurity/IT startups (Cylance, Foundstone, Computerese), and one international best selling book series called "Hacking Exposed". Loves spending time with family, cycling, painting and drawing.



Justin Moore
Chief Executive Officer
Axcient
(USA)

The Axcient Business Recovery Cloud eliminates data loss, keeps applications up and running, and ensures that IT operations never go down. Companies use Axcient to replace legacy backup, server replication, business continuity, disaster recovery and archiving products with a single integrated platform that mirrors an entire business in the cloud. With Axcient, businesses can restore data, failover applications, and virtualize servers or an entire office with a single click. Trusted by thousands of businesses to store and protect more than 15 billion files and applications, Axcient maximizes productivity, reduces cost and eliminates risk.

Personal: History, Literature, and Computer Science, Stanford University 2003. Co-Founder & Chief Executive Officer MK Global 2002-2006; since 2008 Founder & Chief Executive Officer Axcient; since 2012 Venture Partner Thomvest Ventures. Serves on advisory board and Board of Directors of several profit and non-profit companies. Recipient of numerous awards including being named one of Silicon Valley's Top 40 under 40 by Silicon Valley Business Journal (2014) and Technology Pioneer by World Economic Form (2015).

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Daniel Nadler
Chief Executive Officer
Kensho
(USA)

Kensho is the next-generation analytics and knowledge platform for investment professionals, addressing the most significant challenge in the financial markets today: achieving speed, scale, and automation of previously human-intensive knowledge work. It combines parallel statistical computing with natural language inputs, big data and machine learning with user-friendly visual interfaces. Kensho's intelligent computer systems are capable of answering complex financial questions posed in plain English.

Personal: Daniel Nadler is a writer, entrepreneur, and futurist. Called "not your typical startup guy" by The Wall Street Journal, and described by Forbes magazine as a "fast-talking" polymath whose work encompasses "math, poetry, and ancient Greek philosophy," Nadler was profiled on CNN's What's Next, a program featuring "forward-looking thinkers in the fields of tech, science and social change who will help shape our collective future." As a futurist, Nadler has been invited to speak at the Central Intelligence Agency, and on Capitol Hill, before members and staff of the Senate Armed Services Committee, the House Permanent Select Committee on Intelligence, the Senate Select Committee on Intelligence, and the Senate Appropriations Committee. Nadler received his PhD from Harvard University and is currently the Director of Research for Financial Technology at Stanford University's School of Engineering. He previously served as a Visiting Scholar at the United States Federal Reserve.



Amit Narayan
Founder and Chief Executive Officer
Autogrid Systems Inc.
(USA)

AutoGrid Systems is bringing internet-scale computing to process and analyse the petabytes of energy data produced. AutoGrid provides software solutions to electricity generators, electricity providers, grid operators and their customers to improve the reliability and efficiency of the electricity grid and reduce the cost of electricity for customers. AutoGrid's first application on this platform enables electricity providers and consumers to forecast generation, consumption and grid conditions - enabling providers and consumers to optimize demand and cost through flexible demand management programmes.

Personal: BTech in Electrical Eng., Indian Institute of Tech., Kanpur; PhD, Univ. of California, Berkeley. Formerly: Founding CEO and later, Vice-President, Engineering Berkeley Design Automation; Vice-President, Products, Magma Design Automation. 2010-12, Director, Smart Grid Research in Modeling & Simulation, Stanford University. Founder and CEO, AutoGrid. Adviser to several start-up companies in the Bay Area. Has published more than 25 papers about design automation; holder of seven US patents. Recipient: Bloomberg New Energy Finance Pioneer 2016 (AutoGrid).

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Patrick Nee
Chief Executive Officer
Universal Bio Mining
(USA)

Universal Bio Mining develops novel biological processes to improve the efficiency of gold and copper mining by enabling the processing of ore that is treated as waste. The company's lead product recovers gold from tailings at mines with contaminated mineralogy, and converts uneconomic gold deposits into valuable properties. For the copper industry, UBM's technology will enable the extraction of the metal from low-grade ore that constitutes the majority of known reserves and is a growing challenge as deposits are depleted and grades drop. These technologies will reduce CO2 emissions of these industries by billions of tons per year, and will reduce the mining required to produce these metals.

Personal: Patrick Nee is Founder and Chief Executive Officer of Universal Bio Mining. He has started companies in biotechnology, quantitative finance, and B2B and B2C e-commerce. He holds an SB in Mechanical Engineering from the Massachusetts Institute of Technology, an MS degree in Mechanical Engineering from the Tokyo Institute of Technology, and an MBA from Columbia University. Patrick he has been a judge since 2010 at the iGEM synthetic biology contest held at MIT and a member of the Synberc IAB. He has lived in the US, Japan, Italy, and Panama.



Andreas Raptopoulos
Chief Executive Officer
Matternet Inc.
(USA)

Matternet is a Silicon Valley company that pioneered the world's next paradigm of transportation: networks of autonomous flying vehicles, commonly called drones, for the transportation of small commercial goods and medical items completely autonomously.

Personal: Award-winning designer, inventor and entrepreneur. Founded Matternet and serves as Chief Executive Officer since 2011. Pioneering drone logistics networks for lightweight medical items and commercial goods. Motivated by the desire to solve one of humanity's grand challenges, equal access to goods, by leapfrogging road infrastructure. Holds an BS & MS in Aeronautics Engineering, is a Royal College of Art graduate in Design and is lead inventor in several US and international patents. Speaker, Google Solve for X, 2012 & TED Global, 2013. Tech Pioneer, World Economic Forum, 2015.

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Jonathan M. Rothberg
Chairman, Chief Executive Officer
and Founder
Butterfly Network, Inc.
(USA)

Butterfly has created an ultrasound device that is as low cost and intuitive as a stethoscope. Butterfly has achieved this by integrating five scalable and state-of-the-art technologies and practices: micro electromechanical systems (MEMS), semiconductor fabrication (CMOS), advanced artificial intelligence (deep learning), teleradiology and Cloud computing. Its solution is comprehensive and leverages semiconductor-based manufacturing to enable the lowest-cost imaging device on the market, with an initial cost around \$1,000 and the ability to scale costs to under \$100.

Personal: BSc in Chemical Engineering, Carnegie Mellon; PhD in Biology, Yale. Invented high-speed/next-generation sequencing. Completed first individual human genome (James Watson); initiated Neanderthal Genome project; first genome on a semiconductor (Gordon Moore). Founder and CEO, Butterfly Networks. Founder: Ion Torrent; 454; Clarifi; RainDance Technologies; CuraGen. Member: Nat'l Academy of Eng.; Connecticut Academy of Science and Eng. Life Trustee, Carnegie Mellon. Gold Medal for Innovation, Wall Street Journal; Connecticut Medal of Technology; Honorary Doctor of Science, Mount Sinai School of Medicine. Adjunct Professor of Genetics, Yale University School of Medicine.



Bogdan Serban
Chief Executive Officer
APATEQ
(USA)

APATEQ provides cost-efficient, one-stop solutions for selected markets in the water and wastewater industry by means of unique, membrane-based systems that do not require chemicals for operation.

One of the focus areas is the oil & gas business: APATEQ's "OilPaq" enables a simplified oil-water separation, performing this feature without using chemicals during the separation process, at costs typically of one order of magnitude lower than the ones offered by competition, thus excelling above all other solutions available on the market.

APATEQ was founded in first half of 2013 supported by private investors. Its management team members possess many years of experience in water treatment technologies, global industrial product manufacturing and commercialization.

Personal: Bogdan Serban co-founded APATEQ in 2013 to simplify oil-water separation and make it possible without using chemicals, for a better environment and for the benefit of oilfield operators. With over two decades of management experience in both industrial global-scale business and business start-up environments, Bogdan Serban has been significantly involved, from start-up to mature phase.

ANNUAL MEETING 2017



Matthew Silver
Founder and Chief Executive Officer
Cambrian Innovation Inc.
(USA)

Cambrian Innovation is an environmental biotechnology firm focussed on solving industrial resource challenges. Cambrian's award-winning flagship product, EcoVolt, helps industrial facilities generate clean water and clean energy from wastewater using a breakthrough biological process. Cambrian's broader product portfolio includes water treatment as a service, water reuse technologies, bio-sensing, and resource data-management. Started at MIT in 2006, Cambrian was recently recognized as a World Economic Forum Global Technology Pioneer and named Emerging Company of the Year by the Northeast Clean Energy Council.

Personal: More than 16 years of experience in technology commercialization, innovation strategy and engineering design. Founder and CEO, Cambrian Innovation. Has guided the firm to successfully penetrate and scale in commercial markets, with key roles in developing and executing business strategy and designing the underlying technology. Co-Founder: Intelligent Action, an MIT spin-out providing strategic decision-making capabilities. Two Master's degrees in Astronautical Engineering and Technology and Policy, MIT; PhD in Engineering Systems, MIT.



Peter Smith
Chief Executive Officer
Blockchain
(UK)

Blockchain is a web-based bitcoin platform that makes using bitcoin safe, easy, and secure for all consumers and businesses worldwide. It is currently the provider of one of the most popular Bitcoin wallet, widely used Bitcoin APIs, popular block explorer and search engine, and has what is widely recognized as a strong trusted brand in Bitcoin.

Personal: Peter Smith is the Chief Executive Officer of Blockchain, focusing on making Bitcoin easy secure and accessible to everyone on the planet. He has a relentless drive and passion for cutting complexity and managing rapid expansion. He has lived, studied, and worked in the US, Europe, MENA, East Africa, and Asia.

ANNUAL MEETING 2017



Ian Wright
Founder and Chief Executive Officer
Wrightspeed
(USA)

Wrightspeed is the leading manufacturer of range-extended electric vehicle powertrains. Built on a tradition of quality systems engineering, Wrightspeed's powertrains are the next step in the evolution of vehicle propulsion. Its flagship product, the Route™ was designed to transcend commercial truck efficiency and performance, providing unlimited range and dramatically reduced fuel costs.

Personal: As the Founder of Wrightspeed, Co-Founder of Tesla Motors and creator of the X1- the fastest street legal electric vehicle in the world, Ian Wright has been able to fuse his passion for racing with his technical curiosity. At Wrightspeed, Ian has successfully built a company that uniquely meets ever-increasing market demands. His senior executive experience at Tesla Motors, Altamar Networks, Cisco, and NET has enabled him to shape a first-class team at Wrightspeed, patent three products in the last few years, steadily secure funding to scale production, and land a number of early customers including FedEx. Through Ian's leadership, Wrightspeed is expanding clean transportation opportunities across the globe.
