



Technology Pioneers at the Annual Meeting 2014



Michael Altendorf, Adtelligence (Germany)

Adtelligence provides e-commerce personalization technology and customer intelligence solutions that use the available data on the Web and increase the shop and site effectiveness through machine learning, leading to improved conversion rates and increased revenue.



David Schenkein, Agios Pharmaceuticals (USA)

Agios Pharmaceuticals is leading the way in the fight against cancer and rare metabolic genetic diseases by developing programmes that target the specific changes that occur in cellular metabolism - called "dysregulation" – and reversing them.



Brian Chesky, Airbnb (USA)

Airbnb is a trusted community marketplace for people to list, discover and book unique accommodation around the world, online or from a mobile phone. Whether an apartment for a night, a castle for a week, or a villa for a month, it connects people to unique travel experiences at any price point, in more than 34,000 cities and 192 countries.



Matthew Scullin, Alphabet Energy (USA)

Alphabet Energy is commercializing a breakthrough in inexpensive waste heat recovery technology initially developed at the Lawrence Berkeley National Laboratory. Its evolutionary all-silicon thermoelectric approach is the only one of its kind that lends itself to massive scale, low cost, and high sustainability.



Brian O'Kelley, Appnexus (USA)

AppNexus has revolutionised the online advertising industry by providing the first real-time bidding impression, inventing the first app marketplace for digital advertising and is the first ad tech company to take a hard-line stance against piracy.



Simon Bransfield-Garth, Azuri Technologies (UK)

The mission of Azuri Technologies is to develop the technologies, channels and processes that will bring off-grid solar power to a new generation of users, transforming lives and accelerating economic development. Using IndiGo technology and a mobile phone, the company delivers solar electricity to communities in Africa as an affordable pay-as-you-go service.



Scott Minick, BIND Therapeutics (USA)

BIND Therapeutics, a world leader in the innovative field of nanomedicine, is developing Accurins™--targeted nanoparticles that traffic to disease sites with unprecedented accuracy, creating more effective and safer personalized medicines. BIND's lead product has shown substantial patient benefits in initial clinical trials and is now entering global clinical development to treat major forms of cancer.



Nick Leschly, bluebird bio (USA)

bluebird bio is leading the way in designing new gene therapies that have the potential to change the way patients with severe genetic and orphan diseases are treated.

**Zach Sims, Codecademy (USA)**

Codecademy is the easiest way to learn to code. In less than two years, it has educated millions of people around the world with skills that help them make things and find jobs. It has students in every country, all of whom participate in a community where they can teach others and learn from them as well.

**Daphne Koller, Coursera (USA)**

Coursera is a social entrepreneurship company whose mission is to offer free, high-quality education to everyone.

**Krista Donaldson, D-Rev (USA)**

D-Rev: Design Revolution is on a mission to improve the health and incomes of people living on less than US\$ 4 per day by redesigning world-class, market-driven products and selling them at affordable prices.

**Jorge Soto, Data4 (USA)**

Data4 empowers citizens, community leaders and government officials to turn citizen reports into actionable information. Transparency, accountability and open data are key to creating stronger links within communities and to enhancing the delivery of crucial government services.

**Jozef Leo (Leo) Goovaert, Econation (Belgium)**

EcoNation is a leader in daylight technology. The company developed a financial model called LightCatcher Light Energy, whereby it invests in its customers' energy savings through proprietary daylight and monitoring technology. It offers a no capex-investment, whereby it installs intelligent daylight systems on customers' roofs, which almost completely eliminate the need for artificial light.

**Paul Nahi, Enphase Energy (USA)**

Enphase Energy delivers micro-inverter technology for the solar industry that increases energy production, simplifies design and installation, improves system uptime and reliability, reduces fire safety risk and provides a platform for intelligent energy management.

**Michael Pellini, Foundation Medicine (USA)**

Foundation Medicine is a molecular information company dedicated to a transformation in cancer care in which treatment is informed by a deep understanding of genomic changes. The company's initial clinical assay, FoundationOne™, is a fully informative genomic profile to identify a patient's individual molecular alterations and match them with relevant targeted therapies and clinical trials.

**Bill Gross, eSolar (USA)**

A company, founded in 2007, to develop, construct and deploy modular, scalable solar thermal power plants. It uses a low-impact, pre-fabricated form factor with advanced optics and computer software engineering to meet the demands of utilities of any size for clean, renewable and cost-competitive solar energy.

**Nathan Eagle, Jana Mobile, USA**

Jana is the world's largest rewards platform. With integrations into the billing systems of 237 mobile operators, it can instantly reward 3.48 billion emerging market consumers in 70 local currencies with prepaid airtime.

**Anthony Goldbloom, Kaggle (USA)**

Kaggle helps companies make high-stakes decisions using big data and machine learning. In just three years, it has worked with 15 Fortune 500 companies, ranging from GE to Pfizer. It has made a significant impact in industries such as oil and gas, on problems such as where to search and where to drill.

**Tempitope Ola, Koemei (Switzerland)**

Koemei is democratizing video access and accessibility for learning by automatically transcribing, indexing and captioning online video content, thus enabling users and learner to search, enrich and share knowledge videos privately or publicly.

**Jeff Stewart, Lenddo (Hong Kong)**

Lenddo's mission is to financially empower the emerging market middle class. Members use their online footprint in networks such as Facebook, LinkedIn, Google and Twitter to prove identity and trustworthiness to access local financial services including loans.

**Kevin Mahaffey, Lookout (USA)**

Lookout is a mobile security company dedicated to making the mobile experience safe for everyone. It delivers award-winning protection from the growing threats facing mobile users today, including malware, phishing, privacy violations, data loss and loss of the phone itself. With over 25 million users across 400 mobile networks in 170 countries, it is the world leader in smartphone security.

**David Icke, MC10 (USA)**

MC10 extends human capabilities through virtually invisible and conformal electronics. The company reshapes rigid, high-performance electronics into human compatible form factors that stretch, bend and twist seamlessly with the natural world.

**Tony Fadell, Nest Labs (USA)**

Through a combination of sensors, algorithms, machine learning, and cloud computing, the Nest smart thermostat learns from people's behaviours and preferences to create a custom heating and cooling schedule that saves money and energy.

**Jim Matheson, Oasys Water (USA)**

Oasys Water reduces critical global freshwater shortages while significantly improving the environment by converting challenging, often toxic industrial wastewater streams into clean, freshwater. It has commercialized a water treatment platform using forward osmosis technology, which uses less energy than any other solutions while enabling the use of renewable energy sources to produce freshwater from the wastewater from oil & gas, petrochemical, mining, and other rapidly growing industrial sectors.

**Ryan Howard, Practice Fusion (USA)**

Practice Fusion provides a free, Web-based electronic health record (EHR) system to physicians across the US. With charting, scheduling, e-prescribing, billing, lab integrations, referral letters, unlimited support and a personal health record for patients, its EHR addresses the complex needs of today's healthcare providers and disrupts the health IT status quo.

**Sam White, Promethean Power Systemes (India)**

Promethean Power Systemes has developed a thermal energy storage platform that eliminates diesel generators for cold-storage applications of perishable foods in rural India.

**Andrew Thompson, Proteus Digital Health (USA)**

Proteus Digital Health makes digital medicines: proven drugs, sensor-enabled that communicate with consumers' own cell phones when swallowed. The company's digital health feedback systems combine pharmaceuticals, medical devices, telecommunications and social networking.

**Rodney Brooks, Rethink Robotics (USA)**

Rethink Robotics is changing the way robots can be used in production and research environments. Its two armed humanoid robots require no safety cages, complex programming or costly integration.

**Cyriac Roeding, shopkick (USA)**

Shopkick, based in Palo Alto, is the largest location-based shopping app. Within one year from launch, it has partnered with 10 retailers and 20 brands. Its vision is to completely transform shopping at physical stores for consumers, using mobile phones' location awareness, unprecedented personalization capabilities, and social/viral features.

**Alexander Ljung, SoundCloud (Germany)**

SoundCloud is the world's leading social sound platform that lets anyone create, record, promote and share their sounds on the Web in a simple, accessible and feature-rich way. It allows sound creators to instantly record or upload original audio content, embed sound across blogs and social networks such as Facebook, Twitter and Pinterest, share publicly and privately, receive detailed analytics, plus get feedback from the community directly onto the waveform.

**Eric Giler, Witricity (USA)**

WiTricity is an industry leader in wireless electricity delivered over distance. With a growing list of global clients in industries including consumer electronics, automotive, medical devices and defence, it is changing the way the world accesses power and bringing new possibilities for safe, efficient and convenient power to both the developed and the developing world.