

# MIT Industrial Liaison Program Faculty Knowledgebase Report

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## 2018 Startup Showcase Silicon Valley

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March 15, 2018 8:45 am - 5:30 pm

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8:45am

Coffee, Registration, Networking

9:15am

Welcome to Silicon Valley & Keynote: Investing in the New Machines of Industry  
Kiva Allgood  
Chief Commercial Development Officer, [GE Ventures](#)



Kiva Allgood  
Chief Commercial Development Officer  
[GE Ventures](#)

Kiva is the Chief Commercial Development Officer at GE Ventures. In her current role, Kiva is building a high-performing commercial development and market intelligence practice within GE Ventures. Together with her team, Kiva focuses on scaling GE Ventures' commercial impact through ecosystem development, partnerships, strategic planning and world-class programs.

Kiva started her career at GE in 1999 and was excited to return in 2016 as the Managing Director of New Business Creation. She brings over two decades of telecommunications, mobile and digital experience to her role. Most recently she was the President of Smart Cities and Industrial IoT for Qualcomm Intelligent Solutions. While at Qualcomm she helped strategic partners and cities drive digital transformation and connectivity adoption including LinkNYC. As both an intrapreneur and entrepreneur, she also ran a Colorado based startup and lead it's funding raising and board efforts. She also held executive positions at Motorola and GE. Kiva has an MBA from the Kellogg School of Management at Northwestern University and a bachelor's degree in Science from Northwestern University.

In 2016, she was named to the list of Top 50 Industrial IoT 5G Industrialists and Innovators. She was also an honoree of the 2016 Women of M2M. Kiva holds board seats with CleanTech San Diego and Teen Volunteers in Action and serves on the Selection Committee for EvoNexus. As a passionate student of technology innovation she is a frequent lecturer, speaker and mentor at Kellogg, UCSD and UCI. She is based in San Diego with her husband and two sons. She is an avid skier and sailor, and loves to read. She started her career at Walt Disney World as a costume character—although she won't reveal which one.

9:25am

Welcome on Behalf of MIT  
Sheri Brodeur  
Director, [MIT Corporate Relations](#)



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Director  
[MIT Corporate Relations](#)

Sheri Brodeur is a Director of Corporate Relations at MIT. Prior to this, she spent 22 years at Hewlett-Packard Company in several roles. Her most recent position was in the HP Labs Strategy and Innovation Office. The role of this organization is to set HP Labs' research strategy and extend HP's internal research capacity by partnering with universities, governments, and other companies on a global scale to rapidly advance the positive impact of technology on the world.

Sheri spent 15 years with HP Labs, HP's corporate researcher center, managing major university alliances and programs, including a \$25M program with MIT. She has been responsible for managing global higher education technology programs in the areas of Security, Digital Libraries (DSpace), Information Management, and Sustainability.

Prior to this role she spent the previous eight years at Hewlett-Packard in the sales organization moving from the position of Field Sales Engineer to Global Account Manager. In this role she was responsible for selling, supporting and delivering high end test and measurement solutions for the communications industry.

Brodeur has a BS in Ceramic Engineering from Alfred University and an MS in Solid State Science from the Materials Research Laboratory at Penn State University.

9:35am

MIT's Startup Innovation Ecosystem: Connecting Industry to Startups  
Marcus Dahllöf  
Program Director, [MIT Startup Exchange](#)



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9:45am

Startup Lightning Talks  
Cory Kidd  
CEO and Founder, [Catalia Health](#)



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CEO and Founder  
[Catalia Health](#)

Cory Kidd is the founder and CEO of Catalia Health, a patient care management company. The company develops a hardware and software platform that uses a combination of psychology and artificial intelligence to engage patients through interactive conversations. These conversations happen through mobile, web, and interactive robotic interfaces; together these interfaces create a relationship that can reach patients at any time they need support. The data reported back through the system gives Catalia Health's customers valuable information to understand the daily activities and needs of their patients.

Kidd is a serial entrepreneur who has been working in healthcare technology for nearly two decades. He received his MS and PhD at the MIT Media Lab in human-robot interaction and his BS in computer science at the Georgia Institute of Technology.

Andrew M. Radin  
Cofounder & Chief Marketing Officer, [twoXAR](#)



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[twoXAR](#)

Andrew M. Radin is cofounder and Chief Marketing Officer of twoXAR, a company dedicated to transforming how large biological datasets are harnessed to accelerate the identification and validation of new medicines. As Chief Marketing Officer of twoXAR, Radin is focused on understanding the market, identifying partners, and communicating the business. He formerly worked as an investor in venture and private equity funds at Macquarie Bank and has designed, built, and managed several small organizations. Radin also cofounded a mobile platform startup while at MIT. He holds an MBA from MIT Sloan, a BS in biochemistry and cell biology from UC San Diego, and a BA in economics from UC San Diego.

Tor Jakob Ramsøy  
Founder & CEO, [Arundo](#)



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[Arundo](#)

Arundo Founder and CEO Tor Jakob Ramsøy was previously a Senior Partner at McKinsey & Company, the global management consulting firm. At McKinsey, he led the technology service lines for the Global Energy Practice and EMEA Big Data/Advanced Analytics, and was also country manager for McKinsey Norway and led the Business Technology Office in Scandinavia. Prior to McKinsey, Ramsøy was a Senior Partner at Accenture. He holds an MS from MIT.

Arundo is a software company based in Oslo, Norway; Houston, TX; and Palo Alto, CA. Their products help business leaders and operations professionals in maritime and other heavy industries better manage complex physical systems through machine learning and data-driven software applications. Founded in 2015, Arundo has raised over \$35 million in financing and currently consists of around 100 software engineers, data scientists, and industrial domain experts, including 22 PhDs. They are part of Stanford's StartX program

10:15am

Networking Break

Case Study - Buy, Build, or Partner: GE Healthcare's Partnership with Arterys  
Kiva Allgood  
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Leslie Bottorff  
Managing Director, Healthcare, [GE Ventures](#)



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Managing Director, Healthcare  
[GE Ventures](#)

Leslie invests in start-up companies in the healthcare industry, specializing in digital health and healthcare IT, medical device technology, and emerging business models. Leslie joined GE Ventures in 2014 after 16 years of experience in venture capital investing as Managing Director with ONSET Ventures. She works with GEV portfolio companies Neuronetics, Chrono Therapeutics, Digisight, Iora, Omada Health and Arterys. Board seats prior to GEV include Sadra Medical (acquired by Boston Scientific), and Spinal Concepts (acquired by Abbott Labs). Prior to venture investing, Leslie spent 19 years serving in various operating roles at both large corporations and small venture backed start-up companies including VP of Sales and Marketing at Medtronic CardioRhythm, VP of Marketing at Embolic Protection, Inc. (acquired by Boston Scientific) and key positions at start-ups Nellcor (now Medtronic/Covidien), Ventritex (acquired by St. Jude), Menlo Care (acquired by J & J), and GE's Healthcare Division. She holds a Bachelor's degree in biomedical engineering from Purdue University, and an MBA from Harvard Business School. Leslie has served on advisory boards or as guest faculty at several universities including Purdue, Stanford, and UC Berkeley.

Fabien Beckers  
Founder & CEO, [Arterys](#)



11:15am

Academic Innovator: Robots for Physical Services  
Sangbae Kim

Associate Professor of Mechanical Engineering  
MIT Department of Mechanical Engineering

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MIT Department of Mechanical Engineering

Sangbae Kim, is the director of the Biomimetic Robotics Laboratory and an associate professor of Mechanical Engineering at MIT. His research focuses on the bio-inspired robot design by extracting principles from animals. Kim's achievements on bio-inspired robot development include the world's first directional adhesive inspired from gecko lizards, and a climbing robot, Stickybot, that utilizes the directional adhesives to climb smooth surfaces featured in TIME's best inventions in 2006. Recent achievement includes the development of the MIT Cheetah capable of stable outdoor running up to 13mph and jumping over any obstacles autonomously. This achievement was covered by more than 200 media articles. He is a recipient of best paper award from International Conference on Robotics and Automation (2007), King-Sun Fu Memorial Transactions on Robotics (2008) and IEEE/ASME transactions on mechatronics (2016), DARPA Young Faculty Award (2013), NSF CAREER award (2014), and Ruth and Joel Spira Award for Distinguished Teaching (2015).

[View full bio](#)

11:35am

Startup Lightning Talks  
Keith Hearon  
Cofounder & CEO, [Poly6](#)



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[Poly6](#)

Poly6 is catalyzing a global materials revolution in which energy intensive, toxic, and waste producing material chemistries are replaced with new, simple, bio-based, high-performing chemistries. Keith Hearon is the inventor of Citrene™ and is a postdoctoral fellow in Professor Robert Langer's group at MIT. Hearon has 8 patents granted/pending in materials science.

Dan Schiffman  
Cofounder & CRO, [TVision Insights](#)



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Cofounder & CRO  
[TVision Insights](#)

Dan Schiffman, Cofounder and CRO, TVision Insights, the television attention measurement company pioneering the way brands, their agencies, TV networks, and OTT platforms determine the true value of their video content and advertising. The company's core technology uses patented computer vision algorithms to passively measure "eyes on screen," the single most accurate way to measure person-level engagement with video content.

Yibiao Zhao  
Cofounder & CEO, [iSee AI](#)



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Yibiao Zhao is the cofounder and CEO of iSee AI, a startup working on humanistic AI for autonomous driving. Yibiao completed his PhD at UCLA, studying computer vision, and his postdoc at MIT, studying cognitive robots. He is a pioneer of engineering common sense for visual understanding and cognitive robots, and he is the co-chair of the interdisciplinary workshop series at the CVPR and CogSci conferences.

Matthew Carey  
Director of Business Development, [Humatics](#)



Matthew Carey  
Director of Business Development

12:05pm

Lunch with Startup Exhibit

1:25pm

Academic Innovator: Not Losing the Future: System Dynamics, Not Technology, Determines the Winners

John Carrier

Senior Lecturer, System Dynamics, [MIT Sloan School of Management](#)



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Senior Lecturer, System Dynamics

[MIT Sloan School of Management](#)

John Carrier is a senior lecturer in the System Dynamics Group at the MIT Sloan School of Management and Managing Director of 532 Partners. His expertise is in shaping the dynamics of operating environments to improve productivity, quality, safety, and morale simultaneously. He has helped companies save hundreds of millions of dollars by helping them find and eradicate the hidden systems lurking inside every operation. His current focus is to help prepare companies to compete in the new environment of Industry 4.0.

He has educated over five hundred top-level leaders in the MIT Sloan Executive Education program in Oil & Gas, petrochemicals, mining, and healthcare. When not teaching, he spends most of his time in the operating environment, working directly with the front line to deliver measurable results in less than sixty days.

Dr. Carrier holds a B.S. in Chemical Engineering from the University of Michigan, a Ph.D. in Control Systems from MIT, and an MBA from the Harvard Business School.

[View full bio](#)

1:45pm

Corporate Innovator

Amish Parashar

Partner & Director of Strategic Business Development, [Yamaha Motor Ventures & Laboratory Silicon Valley](#)



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Partner & Director of Strategic Business Development

[Yamaha Motor Ventures & Laboratory Silicon Valley](#)

Amish Parashar is a founding team member of Yamaha Motor Ventures & Laboratory Silicon Valley where he is a Partner & Director of Strategic Business Development.

Prior to joining YMVSV's founding team, Amish served in a variety of operating and entrepreneurial roles. He has served as an Entrepreneur-in-Residence and company founder. Most recently he was Director of Innovation of a hundred-person private research & development lab which created dozens of novel hardware technologies for start-ups and multinational corporations working in regulated industries.

Amish is a frequent lecturer on complex technology innovation and has held teaching appointments at Stanford's d.school, Dartmouth's Thayer School of Engineering, Singularity University, and UC San Diego's Rady School of Management.

Amish earned two engineering degrees: an A.B. from Dartmouth College and a B.E. from the Thayer School of Engineering at Dartmouth. He also earned a MSc from the University of London. Amish has over a dozen patents granted or pending.

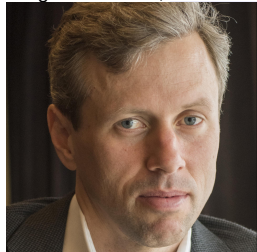


2:00pm

Panel Discussion: Technology, Business Models, and the Future

Marcus Dahllöf

Program Director, [MIT Startup Exchange](#)



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2:30pm

Networking Reception

3:30pm

One-on-one meetings between industry and startups