

# MIT Industrial Liaison Program Faculty Knowledgebase Report

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2022 MIT Japan Virtual Conference

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January 13, 2022 - January 28, 2022

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## DAY 1: Jan. 13 (Thu) Future Perspectives on Computing and Urban Design

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9:00 AM - 9:05 AM

Welcome and Introduction  
Gregory Ornatowski  
Senior Director, MIT Corporate Relations  
Director, MIT-ILP, Japan  
Gregory Ornatowski  
Senior Director, MIT Corporate Relations  
Director, MIT-ILP, Japan

Dr. Ornatowski is currently a Senior Director in the Office of Corporate Relations (OCR) at MIT and the Director, MIT-ILP, Japan. He works with various companies in the automotive, electronics and materials industries. Prior to joining MIT, he worked as a consultant in the Boston area with Standard and Poor's DRI and Harbor Research.

Previously he spent nine years with General Electric, where he held various management positions in business development, strategic planning and marketing in the U.S. and Asia and worked with several of GE's technology-focused businesses. Dr. Ornatowski began his professional career as a management consultant working with the Tokyo office of the Boston Consulting Group.

In addition to his corporate experience, Dr. Ornatowski has taught at the MIT Sloan School of Management, Boston University, and Trinity College. He has also published articles in the Sloan Management Review, Far Eastern Economic Review, The Journal of the American Chamber of Commerce in Japan, and the Journal of Socio-Economics. He is fluent in Japanese, having lived and worked in Japan a total of 12 years, and has worked extensively with Asian and European companies as well.

9:05 AM - 9:20 AM

MIT Innovation Ecosystem  
Karl Koster  
Executive Director, MIT Corporate Relations  
Director, Alliance Management  
MIT Office of Strategic Alliances & Technology Transfer



Karl Koster  
Executive Director, MIT Corporate Relations  
Director, Alliance Management  
MIT Office of Strategic Alliances & Technology Transfer

Karl Koster is the Executive Director of MIT Corporate Relations. MIT Corporate Relations includes the MIT Industrial Liaison Program and MIT Startup Exchange.

In that capacity, Koster and his staff work with the leadership of MIT and senior corporate executives to design and implement strategies for fostering corporate partnerships with the Institute. Koster and his team have also worked to identify and design a number of major international programs for MIT, which have been characterized by the establishment of strong, programmatic linkages among universities, industry, and governments. Most recently these efforts have been extended to engage the surrounding innovation ecosystem, including its vibrant startup and small company community, into MIT's global corporate and university networks.

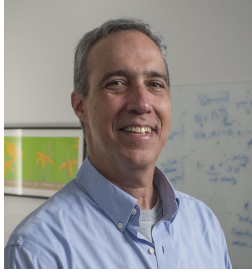
Koster is also the Director of Alliance Management in the Office of Strategic Alliances and Technology Transfer (OSATT). OSATT was launched in Fall 2019 as part of a plan to reinvent MIT's research administration infrastructure. OSATT develops agreements that facilitate MIT projects, programs and consortia with industrial, nonprofit, and international sponsors, partners and collaborators.

He is past chairman of the University-Industry Demonstration Partnership (UIDP), an organization that seeks to enhance the value of collaborative partnerships between universities and corporations.

He graduated from Brown University with a BA in geology and economics, and received an MS from MIT Sloan School of Management. Prior to returning to MIT, Koster worked as a management consultant in Europe, Latin America, and the United States on projects for private and public sector organizations.

9:20 AM - 10:00 AM

Schwarzman College of Computing and Opportunities for Japanese Industry Involvement  
Daniel Huttenlocher  
Dean, [MIT Stephen A. Schwarzman College of Computing](#)



Daniel Huttenlocher  
Dean

[MIT Stephen A. Schwarzman College of Computing](#)

Daniel Huttenlocher is the inaugural dean of the MIT Stephen A. Schwarzman College of Computing. He began his academic career at Cornell University in 1988, where he was a member of the computer science faculty. In 1998, he chaired the task force that led to the creation of Cornell's interdisciplinary Faculty of Computing and Information Science, later serving as its dean starting in 2009. In 2012, he became the founding dean of the new Cornell Tech campus in New York City.

Huttenlocher has extensive industry experience, having served as a scientist and lab director at Xerox's Palo Alto Research Center for 12 years before leaving to help establish a financial technology startup, Intelligent Markets, in 2000.

Huttenlocher's research and scholarship in computer science is broad and interdisciplinary, spanning algorithms, social media, and computer vision. He has earned the Longuet-Higgins Award for Fundamental Advances in Computer Vision (2010), and various fellowships and awards from the National Science Foundation, the Association for Computing Machinery, IEEE, and Phi Beta Kappa.

He is a member of the boards of directors of Amazon and Corning, and of the John D. and Catherine T. MacArthur Foundation, where he has served as chair since 2018.

Huttenlocher earned a bachelor's degree from the University of Michigan in 1980, double-majoring in computer and communication sciences and experimental psychology. An MIT alumnus, he earned an SM in electrical engineering and computer science in 1984 and a PhD in computer science in 1988.

[View full bio](#)

This talk presents the vision and current status for the MIT Schwarzman College of Computing, covering the academic and research programs and the new cross cutting activities that span across the schools at MIT.

10:00 AM - 10:40 AM

Urban Design and Risk Planning  
Miho Mazereeuw  
MIT Climate Grand Challenges, [Preparing for a New World of Weather and Climate Extremes](#)



Miho Mazereeuw  
MIT Climate Grand Challenges  
[Preparing for a New World of Weather and Climate Extremes](#)

Miho Mazereeuw is the Associate Head for Strategy and Equity and is an Associate Professor of Architecture and Urbanism at MIT and is the director of the [Urban Risk Lab](#). Working on a large, territorial scale with an interest in public spaces and the urban experience, Mazereeuw is known for her work in disaster resilience.

In the Urban Risk Lab multi-disciplinary groups of researchers work to innovate on technologies, materials, processes, and systems to reduce risk. Operating on several scales, the Lab develops methods to embed risk reduction and preparedness into the design of the regions, cities and urban spaces to increase the resilience of local communities.

Miho Mazereeuw taught at the Graduate School of Design at Harvard University and the University of Toronto prior to joining the faculty at Massachusetts Institute of Technology. As an Arthur W. Wheelwright Fellow, she is completing her forthcoming book entitled *Preemptive Design: Disaster and Urban Development along the Pacific Ring of Fire* featuring case studies on infrastructure design, multifunctional public space and innovative planning strategies in earthquake prone regions. Her design work on disaster prevention has been exhibited globally. As the director of the Urban Risk Lab at MIT, Mazereeuw is collaborating on a number of projects with institutions and organizations in the field of disaster reconstruction/prevention and is currently working in Haiti, India, Japan and Chile.

Mazereeuw was formerly an Associate at the Office for Metropolitan Architecture and has also worked in the offices of Shigeru Ban and Dan Kiley. Mazereeuw completed a Bachelor of Arts with High Honors in Sculpture and Environmental Science at Wesleyan University and her Master in Architecture and in Landscape Architecture with Distinction at the Harvard Graduate School of Design where she was awarded the Janet Darling Webel Prize and the Charles Eliot Traveling Fellowship.

[View full bio](#)

## DAY 2: Jan. 14 (Fri) Nano and Sustainable Materials

9:00 AM - 9:05 AM

Welcome and Introduction  
Steven Palmer  
Director, [MIT Corporate Relations](#)



Steven Palmer  
Director  
[MIT Corporate Relations](#)

Steve Palmer is a Director within MIT's Office of Corporate Relations. Steven comes to OCR with many years of experience building relationships, advancing diplomacy, and seeking new business initiatives in both the public and private sectors. He has spent his career highlighting and translating technological issues for policy makers, engineers, analysts, and business leaders. Steven has worked in government, industry, and academia in the U.S. and abroad. He is also an Executive Coach at MIT Sloan and Harvard Business School. Steven earned his Bachelor of Science at Northeastern University, and his M.B.A. at MIT Sloan where he was in the Fellows Program for Innovation and Global Leadership.

9:05 AM - 9:50 AM

Nanomaterials  
Robert J. Macfarlane  
Paul M. Cook Associate Professor in Materials Science and Engineering  
Robert J. Macfarlane  
Paul M. Cook Associate Professor in Materials Science and Engineering

Both inorganic nanoparticles and organic polymers offer unique advantages in the synthesis of materials with controllable properties (optical, magnetic, electrical) and chemical reactivities: polymers are highly modular structures that can incorporate many different chemical functional groups, and inorganic nanoparticles have size, shape, and material composition dependent properties such as surface plasmon resonances. Composites of these materials could result in powerful synthesis schemes for fabricating materials with controllable emergent properties, but a fundamental challenge in this area of research is developing self-assembly approaches to create polymer and nanoparticle composite materials where nanoscale order can be generated in a predictable and controllable manner. Research in the Macfarlane lab is focused on developing a set of design principles for synthesizing new inorganic/organic composite materials, where nanoscale structure can be manipulated to tune the emergent physical properties of a bulk material. These structures have the potential to significantly impact energy-related research via light manipulation (e.g. photonic band gaps or plasmonic metamaterials), electronic device fabrication (e.g. semiconducting substrates or data storage devices), and environmental and medical research (e.g. hydrogels for sustained drug delivery).

[View full bio](#)

9:50 AM - 10:35 AM

Sustainable Materials

Desirée Plata

Associate Professor, [MIT Department of Civil and Environmental Engineering](#)



Desirée Plata

Associate Professor

[MIT Department of Civil and Environmental Engineering](#)

Desirée Plata's research seeks to maximize technology's benefit to society while minimizing environmental impacts in industrially important practices through the use of geochemical tools and chemical mechanistic insights. Plata earned her doctoral degree in Chemical Oceanography and Environmental Chemistry from the Massachusetts Institute of Technology and the Woods Hole Oceanographic Institution's Joint Program in Oceanography (2009) and her bachelor's degree in Chemistry from Union College in Schenectady, NY (2003). Plata is an NSF CAREER Awardee (2016), an Odebrecht-Braskem Sustainable Innovation Awardee (2015), a two-time National Academy of Engineers Frontiers of Engineering Fellow (2012, 2020), a two-time National Academy of Sciences Kavli Frontiers of Science Fellow (2011, 2013), a Caltech Resnick Sustainability Fellow (2017), and winner of MIT's Junior Bose Teaching Award (2019), Edgerton Faculty Achievement Award (2021), and Perkins Graduate Advising Award (2021). Having previously served as John J. Lee Assistant Professor of Chemical and Environmental Engineering at Yale University and Associate Director for Research at the Center for Green Chemistry and Green Engineering at Yale, Plata is now Associate Professor of Civil and Environmental Engineering at MIT, co-director of the MIT Climate and Sustainability Consortium, and Faculty Lead of Belonging, Achievement, and Composition in the MIT School of Engineering. Plata directs MIT's Methane Network, serves on the Scientific Advisory Board of Spark Climate, and served on the National Academy of Science Engineering and Medicine's Atmospheric Methane Removal study (recused). Plata is co-founder of N<sup>th</sup> Cycle ([nthcycle.com](#)), co-founder and President of Sustainable Chemical Resource Advisors LLC, and co-founder and President of Moxair Inc.

[View full bio](#)

DAY 3: Jan. 20 (Thu) MIT Startup Presentations

9:00 AM - 9:05 AM

Welcome and Introduction

Marcus Dahllöf

Program Director, [MIT Startup Exchange](#)



Marcus Dahllöf

Program Director

[MIT Startup Exchange](#)

Marcus Dahllöf leads MIT Startup Exchange, which facilitates connections between MIT-connected startups and corporate members of the MIT Industrial Liaison Program (ILP). Dahllöf manages networking events, workshops, the STEX25 accelerator, opportunity postings, and helps define the strategic direction of MIT Startup Exchange. He is a two-time tech entrepreneur (one exit in cybersecurity), and has previously held roles in finance, software engineering, corporate strategy, and business development at emerging tech companies and Fortune 100 corporations in the U.S., Latin America, and Europe. Marcus was a member of the Swedish national rowing team and he is a mentor at the MIT Venture Mentoring Service.

Startup Lightning Talks and Q&A

**Pathr:** Real time insights and advanced spatial intelligence delivered across an organization's ecosystem to positively impact business outcomes |  
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**Meter:** Reimagining and democratizing access to industrial inspection |  
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**Eureka Robotics:** Democratizing High Accuracy – High Agility (HAHA) automation |  
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**Skylla Technologies:** Precision mobility for smart automation |  
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**Everactive:** The self-powered IoT | ??????IoT????????

**mui Lab:** IoT interfaces that enable a “calm” digital living | ??????????????IoT ??????????  
(only participating on Day 3 Lightning Talks session)

**Eion Technologies:** Cost and emission efficient battery recycling technology |  
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**OPT Industries:** Digital manufacturing of materials at scale | ????????????

**E25Bio:** Democratizing diagnostics | ?????????? (????????????)

**Modulus Discovery:** Cutting-edge simulation driven small molecule drug discovery |  
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**4M Therapeutics:** Developing small molecules for neuropsychiatric disorders |  
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Alan Flohr  
Chief Revenue Officer  
[Pathr](#)

Keith Pasko  
R&D Engineer  
[Meter](#)

Ph?m Quang C??ng  
Co-founder & CEO  
[Eureka Robotics](#)

Kota Weaver  
Co-founder & CTO  
[Skylla Technologies](#)

Brian Alessi  
VP of Marketing  
[Everactive](#)

Munehiko Sato  
Co-founder & CTO  
[mui Lab](#)

Lifeng Wang  
Co-founder & CEO  
[Eion Technologies](#)

Jifei Ou  
Founder & CEO  
[OPT Industries](#)

Bobby Brooke Herrera  
Co-founder & Chief Science Officer  
[E25Bio](#)

S. Roy Kimura  
Founder & CEO  
[Modulus Discovery](#)

Pablo Lapuerta  
Founder & CEO  
[4M Therapeutics](#)



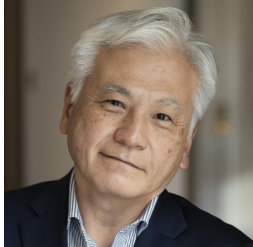
## Day 4: Jan. 21 (Fri) Bio-Electronics and Sensing

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9:00 AM - 9:05 AM

Welcome and Introduction

Miki Kato

Program Director, [MIT Industrial Liaison Program](#)

Miki Kato

Program Director

[MIT Industrial Liaison Program](#)

Miki Kato joined the MIT Industrial Liaison Program as a Program Director in October 2021. Mr. Kato has over 20 years of experience in new business development, including various activities with MIT.

Prior to joining the ILP, Kato worked at FUJIFILM Corporation for 40 years in various new business development sectors. He was President of FUJIFILM Pharmaceuticals U.S.A., Inc., conducting the clinical trials of FUJIFILM pipeline drugs and leading the joint research project in drug delivery with MIT's Koch Institute. During his tenure, he also collaborated with the Department of Electrical Engineering at MIT for digital camera's CMOS image sensors and the Department of Materials Sciences and Engineering for high-speed photodetectors.

Kato has presented at several conferences at the Cambridge Innovation Center, including the 2018 Japan Innovation Forum with the Consulate General of Japan and the 60th-anniversary Kyoto-Boston sister city celebration Life Science Forum (2019) with the City of Boston, the Japan Society of Boston, and the Consulate General of Japan.

He holds an M.E. in Polymer Chemistry from Kyoto University and an M.S. in Management of Technology from MIT.

## Peel and Stack: Ultimate Heterogeneous Integration for Next Generation Electronics

Jeehwan Kim

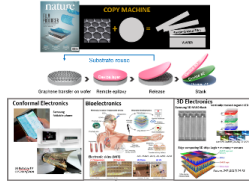
Associate Professor, MIT Mechanical Engineering

Jeehwan Kim

Associate Professor, MIT Mechanical Engineering

Prof. Jeehwan Kim's group at MIT focuses on innovations in nanotechnology for next generation computing and electronics. Prof. Kim joined MIT in September 2015. Before joining MIT, he was a Research Staff Member at IBM T.J. Watson Research Center in Yorktown Heights, NY since 2008 right after his Ph.D. He worked on next generation CMOS and energy materials/devices at IBM. Prof. Kim is a recipient of 20 IBM high value invention achievement awards. In 2012, he was appointed a "Master Inventor" of IBM in recognition of his active intellectual property generation and commercialization of his research. After joining MIT, he continuously worked nanotechnology for advanced electronics/photronics. As its recognition, he received LAM Research foundation Award, IBM Faculty Award, DARPA Young Faculty Award, and DARPA Director's Fellowship. He is an inventor of > 200 issued/pending US patents and an author of > 50 articles in peer-reviewed journals. He currently serves as Associate Editor of *Science Advances*, AAAS. He received his B.S. from Hongik University, his M.S. from Seoul National University, and his Ph.D. from UCLA, all of them in Materials Science.

[View full bio](#)



For future of electronics such as bioelectronics, 3D integrated electronics, and bendable electronics, needs for flexibility and stackability of electronic products have substantially grown up. However, conventional wafer-based single-crystalline semiconductors cannot catch up with such trends because they are bound to the thick rigid wafers such that they are neither flexible nor stackable. Although polymer-based organic electronic materials are more compatible as they are mechanically compliant and less costly than inorganic counterparts, their electronic/photonic performance is substantially inferior to that of single-crystalline inorganic materials. For the past half a decade, my research group at MIT has focused on mitigating such performance-mechanical compliance dilemma by developing methods to obtain cheap, flexible, stackable, single-crystalline inorganic systems. In today's talk, I will discuss about our strategies to realize such a dream electronic system and how these strategies unlock new ways of manufacturing advanced electronic systems. I will highlight our 2D materials-based layer transfer (2DLT) technique that can produce single-crystalline freestanding membranes from any compound materials with their excellent semiconducting performance. In addition, I will present unprecedented artificial heterostructures enabled by stacking of those freestanding 3D material membranes, e.g., world's smallest vertically-stacked full color micro-LEDs, world's best multiferroic devices, battery-less wireless e-skin, and reconfigurable hetero-integrated chips with AI accelerators.

9:50 AM - 10:35 AM

Medical Imaging (Devices)-Data Science, Instrument Design, and Manufacturing  
Brian W Anthony, PhD

Associate Director, [MIT.nano](#)  
Director, Immersion Lab  
Co-Director, Advanced Manufacturing and Design Program  
Technology Director, MIT Center for Clinical and Translational Research



Brian W Anthony, PhD

Associate Director, [MIT.nano](#)  
Director, Immersion Lab  
Co-Director, Advanced Manufacturing and Design Program  
Technology Director, MIT Center for Clinical and Translational Research

Dr. Anthony is an expert in designing instruments and techniques to monitor, measure, and control complex physical systems. His work integrates mechanical, electrical, and optical engineering with computer science and optimization to deliver innovative solutions across various manufacturing industries.

The core of Dr. Anthony's research lies in *computational instrumentation*—the development of tools and methods to monitor and control intricate systems in fields like manufacturing and medical diagnostics. His work includes creating advanced measurement and instrumentation solutions for both manufacturing systems and medical imaging technologies.

Beyond academia, Dr. Anthony brings extensive experience in technology innovation, product realization, and business entrepreneurship, particularly at the convergence of information technology and advanced manufacturing. He has over 25 years of experience driving market-driven technology solutions from concept to commercialization. His achievements include winning an Emmy Award from the Academy of Television Arts and Sciences for broadcast technical innovation.

In the classroom, Dr. Anthony focuses on teaching the modeling of large-scale systems for decision-making across various domains. He is also deeply involved in developing optimization algorithms and software for analyzing and designing these systems. His dual experience in academia and industry positions him as a leader in translating cutting-edge research into practical, impactful technologies.

[View full bio](#)  
[View on LinkedIn](#)

**DAY 5: Jan. 27 (Thu) One on one meetings between ILP members and MIT connected startups (prior sign-up required)**

9:00 AM - 9:05 AM

Welcome and Introduction

Marcus Dahllöf

Program Director, [MIT Startup Exchange](#)



Marcus Dahllöf

Program Director

[MIT Startup Exchange](#)

Marcus Dahllöf leads MIT Startup Exchange, which facilitates connections between MIT-connected startups and corporate members of the MIT Industrial Liaison Program (ILP). Dahllöf manages networking events, workshops, the STEX25 accelerator, opportunity postings, and helps define the strategic direction of MIT Startup Exchange. He is a two-time tech entrepreneur (one exit in cybersecurity), and has previously held roles in finance, software engineering, corporate strategy, and business development at emerging tech companies and Fortune 100 corporations in the U.S., Latin America, and Europe. Marcus was a member of the Swedish national rowing team and he is a mentor at the MIT Venture Mentoring Service.

**Invitation Only** -- To schedule a one-on-one meeting with a startup, ILP members should contact their Program Director.

9:05 AM - 11:00 AM

One-on-one Meetings

**Startups from Day 3 Lightning Talks:**

**Pathr:** Real time insights and advanced spatial intelligence delivered across an organization's ecosystem to positively impact business outcomes |  
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**Meter:** Reimagining and democratizing access to industrial inspection |  
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**E25Bio:** Democratizing diagnostics | ?????????? (????????????)

**Modulus Discovery:** Cutting-edge simulation driven small molecule drug discovery |  
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**4M Therapeutics:** Developing small molecules for neuropsychiatric disorders |  
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**Additional startups for one-on-one meetings:**

**Realtime Robotics:** Smart automation to reduce cost and increase productivity |  
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**WiTricity:** EV wireless charging that is electric, shared and autonomous |  
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**Kebotix:** Materials for tomorrow, today | ??????????

**Tagup:** Industrial AI software that improves equipment reliability, efficiency and safety |  
?????????????????????????????AI????????

## DAY 6: Jan. 28 (Fri) Quantum Systems and Smart Homes

9:00 AM - 9:05 AM

Welcome and Introduction  
Keiji Yano  
Program Director, MIT Corporate Relations  
Associate Director, MIT-ILP, Japan  
Keiji Yano  
Program Director, MIT Corporate Relations  
Associate Director, MIT-ILP, Japan

Keiji Yano is a program director at MIT Corporate Relations and associate director of MIT-ILP, Japan in Tokyo. He has been associated with the office since September 2008 and has been enjoying connecting Japanese ILP member companies with the MIT community since then. He has been always fascinated by the risks companies are willing to take to make an impact in society.

Prior to joining the ILP, Yano managed his own consulting company while he was a visiting researcher at the MIT Whitehead Institute for three years. Prior to that, he was the technical area manager for the Asia/Pacific region at Coventor, an MIT-connected startup software company developing MEMS. While at Coventor he established many relationships with companies from all over the world. He provided services to help companies design and build prototypes for new devices or products. He started his career as a process engineer in the basic design group from concept design to preoperation test of the Nuclear Waste plant project for Tokai #2 Nuclear Power Plant in Japan.

He holds a B.S. in science and technology from Nihon University and Ph.D. in Fluid Dynamics in Aerospace Engineering from the Ohio State University.

[View full bio](#)

9:05 AM - 9:50 AM

Quantum Engineering of Superconducting Qubits  
William Oliver  
Professor of Electrical Engineering and Computer Science (EECS)  
Professor of Physics  
MIT Lincoln Laboratory Fellow  
Director, MIT Center for Quantum Engineering (CQE)  
Associate Director, MIT Research Laboratory of Electronics (RLE)



William Oliver  
Professor of Electrical Engineering and Computer Science (EECS)  
Professor of Physics  
MIT Lincoln Laboratory Fellow  
Director, MIT Center for Quantum Engineering (CQE)  
Associate Director, MIT Research Laboratory of Electronics (RLE)

William D. Oliver is a Principal Investigator in the Engineering Quantum Systems Group (MIT campus) and the Quantum Information and Integrated Nanosystems Group (MIT Lincoln Laboratory). He provides programmatic and technical leadership targeting the development of quantum and classical high-performance computing technologies. Will's research interests include the materials growth, fabrication, design, and measurement of superconducting qubits, as well as the development of cryogenic packaging and control electronics involving cryogenic CMOS and single-flux quantum digital logic. Will is a Fellow of the American Physical Society; serves on the National Quantum Initiative Advisory Committee and the US Committee for Superconducting Electronics; is an IEEE Applied Superconductivity Conference (ASC) Board Member; and is a member of IEEE, APS, Sigma Xi, Phi Beta Kappa, and Tau Beta Pi.

Will received his PhD in Electrical Engineering from the Stanford University, the SM in Electrical Engineering and Computer Science from MIT, and a BS in Electrical Engineering and BA in Japanese from the University of Rochester (NY).

[View full bio](#)

Superconducting qubits are coherent artificial atoms assembled from electrical circuit elements and microwave optical components. Their lithographic scalability, compatibility with microwave control, and operability at nanosecond time scales all converge to make the superconducting qubit a highly attractive candidate for quantum computation. Over the past decade, spectacular improvements in the manufacturing and control of these devices have moved these devices from the realm of scientific curiosity to the threshold of technical reality. In this talk, we present the progress, challenges, and opportunities ahead in the engineering larger scale processors.

9:50 AM - 10:35 AM

Sensors/AI Signals  
Dina Katabi  
Thuan and Nicole Pham Professor  
MacArthur Fellow  
Leader of NETMIT Research Group  
Director of the MIT Center for Wireless Networks and Mobile Computing



Dina Katabi  
Thuan and Nicole Pham Professor  
MacArthur Fellow  
Leader of NETMIT Research Group  
Director of the MIT Center for Wireless Networks and Mobile Computing

Dina Katabi is the Thuan and Nicole Pham Professor of Electrical Engineering and Computer Science, and the director of MIT's Center for Wireless Networks and Mobile Computing (Wireless@MIT). Katabi is also a MacArthur Fellow and a Member of the National Academy of Engineering. She received her PhD and MS from MIT and her BS from Damascus University. Katabi has received the ACM Grace Murray Hopper Award, the Faculty Research Innovation Fellowship, the Sloan Fellowship, the NBX Career Development chair, and the NSF CAREER award. Katabi's doctoral dissertation won an ACM Honorable Mention award and a Sprowls award for academic excellence. Further, her work was recognized by the IEEE William R. Bennett prize, three ACM SIGCOMM Best Paper awards, an NSDI Best Paper award, the SIGCOMM Test-of-Time award, and a TR10 award for her work on the sparse Fourier transform. Several start-ups have been spun out of Katabi's lab, such as PiCharging and Emerald.

[View full bio](#)

10:35 AM - 10:40 AM

Closing Remarks  
Karl Koster  
Executive Director, MIT Corporate Relations  
Director, Alliance Management  
MIT Office of Strategic Alliances & Technology Transfer



Karl Koster  
Executive Director, MIT Corporate Relations  
Director, Alliance Management  
MIT Office of Strategic Alliances & Technology Transfer

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He is past chairman of the University-Industry Demonstration Partnership (UIDP), an organization that seeks to enhance the value of collaborative partnerships between universities and corporations.

He graduated from Brown University with a BA in geology and economics, and received an MS from MIT Sloan School of Management. Prior to returning to MIT, Koster worked as a management consultant in Europe, Latin America, and the United States on projects for private and public sector organizations.