2022 MIT Startup Showcase Silicon Valley

June 22, 2022 9:00 am - 4:00 pm

8:00 AM Registration with Light Breakfast
Welcome and Introduction
Todd Glickman
Senior Director, MIT Corporate Relations

Mr. Glickman joined the Industrial Liaison Program in January 2000, serving as the MIT liaison for companies worldwide, and joined the senior management of the office in 2005.

Prior to joining ILP, Todd was Assistant Executive Director of the American Meteorological Society (AMS), the professional society for meteorologists, which is based in Boston. At AMS, Todd’s responsibilities included strategic planning for conferences, headquarters’ liaison with AMS member boards and committees, support to the AMS Council, and public relations. In addition, Todd was Managing Editor for the AMS Glossary of Meteorology (2nd edition).

From 1979 to 1994, Todd held a variety of positions with WSI Corporation of Billerica, MA, including Manager, New Product Development, Media Marketing Manager, and Manager of the Government Program Office. WSI was a pioneer in the development of real-time weather information, providing value-added information and workstations for clients in media, aviation, industry, academia, and government. Some of Todd’s projects included development of the weather data/information infrastructure for The Weather Channel; the introduction of digital satellite and radar imagery for television; planning and implementation of a network of weather briefing systems for the Federal Aviation Administration; and serving as liaison with the National Weather Service and professional organizations. In addition, Todd was instrumental in helping to develop the public-private partnership between the weather information industry and the Federal government.

Concurrently, Todd has a more than 30-year career as a radio meteorologist, and has been heard on dozens of stations nationwide. Today, he can be heard occasionally on all-news WCBS Newsradio-88 in New York City. He has chaired numerous meteorological conferences and symposia, and served on a number of boards and committees for the American Meteorological Society (AMS). He was awarded the AMS Seal of Approval for Radio Weathercasting in 1979, and was elected a Fellow of the AMS in 1997.

Todd’s interests include transportation systems of all types, and he is an officer and past-trustee of the Seashore Trolley Museum of Kennebunkport, Maine. At MIT, Todd an officer and trustee of the Technology Broadcasting Corporation, which oversees the campus radio station WMTR-FM. He also volunteers as the academic advisor to a group of MIT freshman.

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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.

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9:10 AM

Industry Keynote: "Saving Our Planet With You." A Challenge by a Cellular Operator and 80 Million Subscribers

Takashi Hara
President & CEO, DOCOMO Innovations, and Senior Managing Director
NTT DOCOMO Ventures

The NTT Group alone uses 1% of Japan’s electricity and approximately 1/4 of Tokyo’s electricity in its own operations. In September 2021, its commitment to reduce the greenhouse gas emissions arising from its business activities effectively to zero by 2030. In order to help society as a whole achieve carbon neutrality, DOCOMO will roll out a new ecosystem called "Caboneu (TM)" in conjunction with its partners and customers, under the slogan "Saving Our Planet With You."

9:40 AM

Resiliency and Sustainability at MIT: The MIT Climate and Sustainability Consortium

Elsa Olivetti
Edgerton Associate Professor, MIT DMSE

Elsa Olivetti is the Esther and Harold E. Edgerton Career Development Professor in the Department of Materials Science and Engineering (DMSE) at the Massachusetts Institute of Technology. Her research focuses on improving the environmental and economic sustainability of materials in the context of rapid-expanding global demand. Dr. Olivetti received her B.S. degree in Engineering Science from the University of Virginia and her Ph.D. in Materials Science Engineering from MIT.
Ariadna Rodenstein
Events Leader, MIT Startup Exchange

Ariadna joined MIT Startup Exchange in a new role as Events Leader in September 2019. She has responsibility for the development and execution of events featuring startups, and for helping to promote collaboration and partnerships between MIT-connected startups and industry. She works closely with the Industrial Liaison Program (ILP), also within Corporate Relations, and with other areas around the MIT innovation ecosystem and beyond. Prior to this, Ariadna worked for over a decade at Credit Suisse Group in New York City and London in a few different roles in event management and later became a Director for client strategy. She has combined her experience in the private sector with work in non-profits as a Consultant and Development Director at the New York Immigration Coalition, Immigrant Defense Project and Americas Society/Council of the Americas. Ariadna also served on the Board of the Riverside Clay Tennis Association in NY for several years. She earned her B.A. in Political Science and Communications from New York University (NYU), also doing coursework at the Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) in Mexico City, and her M.A. in Sociology from the City University of New York (CUNY).

Aaron Baskerville-Bridges
Co-founder & VP of Operations
AeroShield

Jack Baron
President and Executive Vice President
Sweetwater Energy

Megan O'Connor
Co-founder and CEO
Nth Cycle

Nick Mannarino
Business Development Engineer
Amogy

Andrés Bisonó León
Co-founder & CEO
SOS Carbon

10:40 AM
Networking Break

11:10 AM
Industry Keynote
Adam Langton
Energy Services Manager, Connected eMobility
BMW North America
11:40 AM

Climate Machines – re-industrialization for the Anthropocene
John Fernández
Professor, Architecture, Building Technology and Engineering Systems
Director, MIT Environmental Solutions Initiative

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Professor, Architecture, Building Technology and Engineering Systems
Director
MIT Environmental Solutions Initiative

Professor John E. Fernández is Director of the Massachusetts Institute of Technology Environmental Solutions Initiative, enlisting the capacity of the MIT community in the transition to a net zero carbon, biodiverse and equitable future. He is a professor in the Department of Architecture at MIT, affiliated with the Department of Urban Studies and Planning and a practicing architect. Fernández founded and directs the MIT Urban Metabolism Group and is a member of the World Economic Forum Global Commission on BiodiverCities by 2030, the Urban Climate Change Research Network and the Leadership Team of Oceanvisions. He has published on a wide range of subjects from sustainable cities, urban biodiversity, design and more and is author of two books, numerous articles in scientific and design journals including Science, the Journal of Industrial Ecology, Building and Environment, Energy Policy and others, and author of nine book chapters. He is formerly Chair of Sustainable Urban Systems for the International Society of Industrial Ecology and Director of the MIT Building Technology Program from 2010 to 2015.

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Accelerating consequences of climate change are occurring during what some consider to be a new age of imagination – partly characterized by the advent of the fourth industrial revolution. Evidence of this convergence can be found in the multiple incubators and accelerators with a growing portfolio of climate startups. Coupled to the fact that our world’s environmental challenges require the capacity and resources of industry, we are starting to see the emergence of an era of climate machines. Conceived of by a new generation of paradigm-shifting inventors and engineers and enabled by AI, advances in the life sciences and new materials, climate machines are emerging as the answer to the question of how to make a better world. Fernandez will describe the work of the MIT Environmental Solutions Initiative and offer several examples of climate machines and the startups that are driving their emergence.
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Bernie Malouin
Founder & CEO, Jetcool

Patrick Teyssonneyre
Co-Founder & CEO, Xinterra

Francesco M. Benedetti
Co-Founder, Chief Executive Officer and Board Member, Osmoses

Rohan Puri
CEO, Stable

12:40 PM  Lunch with Startup Exhibit

1:50 PM  Industry Keynote

Adam Schafer
Director - Supply Chain Sustainability, Intel Corporation

2:20 PM  The Innovator’s Opportunity: Driving Decarbonization in an ESG Era

Dominic Barbato
Vice President, Strategy & Innovation, Schneider Electric Sustainability Business

The topic of sustainability has gained mainstream attention with billions of dollars globally being committed to decarbonization as well as other social and governance matters. As one of the world’s most sustainable corporations, Schneider Electric is leading at the heart of this transition through a multi-faceted approach that includes pursuing its own Net-Zero commitments, accelerating the growth of its Sustainability Business to advise other organizations on their decarbonization journeys, and pursuing investments in early-stage opportunities through its corporate ventures group.
2:50 PM
Panel Discussion
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Dominic Barbato
Vice President, Strategy & Innovation
Schneider Electric Sustainability Business

Megan O'Connor
Co-founder and CEO
Nth Cycle

Joshua Posamentier
Managing Partner and Co-Founder
Congruent Ventures
3:30 PM  Local MIT Startups Rapid Fire Intros

- **MosaicML** – Making ML Training Efficient
- **TrustPoint** - Resilient GPS for the automated and augmented world
- **Zing Data** – Data at your fingertips for collaborative business intelligence
- **Vayu Robotics** – An environmentally sustainable and scalable robotics platform for mobility
- **VoiceBrain** – Analytics platform that turns group voice communication into real-time actionable insights
- **LongWave Photonics** - Quantum cascade lasers for spectroscopy and imaging

3:45 PM  Closing Remarks with Networking Reception