## Day 1 | Wednesday October 25, 2023

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<td>Registration and Light Breakfast</td>
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<td>9:00 AM</td>
<td>Welcome and Introduction</td>
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<td>John Roberts</td>
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<td>Executive Director (Interim), MIT Corporate Relations</td>
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John Roberts has been Executive Director of MIT Corporate Relations (Interim) since February 2022. He obtained his Ph.D. in organic chemistry at MIT and returned to the university after a 20-year career in the pharmaceutical industry, joining the MIT Industrial Liaison Program (ILP) in 2013. Prior to his return, John worked at small, medium, and large companies, holding positions that allowed him to exploit his passions in synthetic chemistry, project leadership, and alliance management while growing his responsibilities for managing others, ultimately as a department head. As a program director at MIT, John built a portfolio of ILP member companies, mostly in the pharmaceutical industry and headquartered in Japan, connecting them to engagement opportunities in the MIT community. Soon after returning to MIT, John began to lead a group of program directors with a combined portfolio of 60-80 global companies. In his current role, John oversees MIT Corporate Relations which houses ILP and MIT Startup Exchange.
Keynote 1: Community Transformers
Alex Pentland
Toshiba Professor of Media Arts and Sciences, MIT Connection Science

Alex “Sandy” Pentland directs MIT's Connection Science initiative and the MIT Media Lab Entrepreneurship Program and is a founding member of advisory boards for the World Economic Forum, AT&T, Telefonica, United Nations, and Nissan. He previously helped create and direct MIT's Media Laboratory, the Media Lab Asia laboratories at the Indian Institutes of Technology, and Strong Hospital’s Center for Future Health.

Forbes magazine declared Pentland “one of the seven most powerful data scientists in the world,” along with the founders of Google and the CTO of the United States. Pentland is among the most-cited computational scientists in the world, and a pioneer in big data analytics, computational social science, organizational engineering, and wearable computing. His research has been featured in *Nature, Science,* the World Economic Forum, and *Harvard Business Review,* as well as being the focus of TV features including “Nova” and “Scientific American Frontiers.” His most recent books are *Social Physics,* and *Trust :: Data.*

Interesting experiences include winning the DARPA 40th Anniversary of the Internet Grand Challenge, dining with British Royalty and the President of India, staging fashion shows in Paris, Tokyo, and New York, and developing a method for counting beavers from space.

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LLMs like GPT have great potential, but have limited ability to handle company proprietary data, customer proprietary data, or personal data in a way that leverages company/client/employee data, preserves proprietary and personal data boundaries, and is compliant with current and emerging regulation. I will present ways of achieving these ends, as well as minimizing consequences for the mistakes and biases that will inevitably happen.
Daron Acemoglu, an Institute Professor at MIT and an elected fellow of the National Academy of Sciences, the American Philosophical Society, the British Academy of Sciences, the Turkish Academy of Sciences, the American Academy of Arts and Sciences, the Econometric Society, the European Economic Association, and the Society of Labor Economists. He is also a member of the Group of Thirty.


His academic work covers a wide range of areas, including political economy, economic development, economic growth, technological change, inequality, labor economics and economics of networks.

Daron Acemoglu has received the inaugural T. W. Shultz Prize from the University of Chicago in 2004, and the inaugural Sherwin Rosen Award for outstanding contribution to labor economics in 2004, Distinguished Science Award from the Turkish Sciences Association in 2006, the John von Neumann Award, Rajk College, Budapest in 2007, the Carnegie Fellowship in 2017, the Jean-Jacques Laffont Prize in 2018, the Global Economy Prize in 2019, and the CME Mathematical and Statistical Research Institute prize in 2021.

He was awarded the John Bates Clark Medal in 2005, the Erwin Plein Nemmers Prize in 2012, and the 2016 BBVA Frontiers of Knowledge Award.

He holds Honorary Doctorates from the University of Utrecht, the Bosporus University, University of Athens, Bilkent University, the University of Bath, Ecole Normale Superieure, Saclay Paris, and the London Business School.

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10:35 AM

MIT Professional Education
Myriam Joseph
Manager, Business Development and Marketing, MIT Professional Education

10:40 AM

Networking Break
Speaker 1: Generative AI - A Revolution in Productivity
Abel Sanchez
Executive Director, MIT Geospatial Data Center (GDC)

Dr. Abel Sanchez holds a Ph.D. from the Massachusetts Institute of Technology (MIT). He is the Executive Director of MIT's Geospatial Data Center, architect of "The Internet of Things" global network, and architect of data analytics platforms for SAP, Ford, Johnson & Johnson, Accenture, Shell, Exxon Mobil, and Altria. In cyber security, Dr. Sanchez architected impact analysis of large-scale cyber attacks designing Cyber Ranges for the Department of Defense (DOD). In password security, Dr. Sanchez led the design of a password firewall (negative authentication) for the Intelligence Advanced Research Projects Activity (IARPA) agency. In machine learning, addressing fraud detection, Dr. Sanchez designed a situational awareness framework that exploits different perspectives of the same data and assigns risk scores to entities for Accenture. He led the design of a global data infrastructure simulator, modeling follow-the-sun engineering, to evaluate the impact of competing architectures on the performance, availability and reliability of the system for Ford Motor Company. He has been involved in developing E-Educational software for Microsoft via their I-Campus Program and with establishing the Accenture Technology Academy, an online resource for over 200,000 employees. He has 10 years of experience with learning management systems and has made deployments in America, Asia, and Europe. He teaches MIT courses on cybersecurity, engineering computation, and data science and has produced over 150 educational videos.

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Join us for an exciting journey into the world of Generative AI, where algorithms become artists and imagination pushes the limits! Discover innovative tools and transformative ways Generative AI is revolutionizing creativity and pushing the limits of productivity far beyond our expectations.
Ariadna Rodenstein
Program Manager, MIT Startup Exchange

Ariadna Rodenstein is a Program Manager at MIT Startup Exchange. She joined MIT Corporate Relations as an Events Leader in September 2019 and is responsible for designing and executing startup events, including content development, coaching and hosting, and logistics. Ms. Rodenstein works closely with the Industrial Liaison Program (ILP) in promoting collaboration and partnerships between MIT-connected startups and industry, as well as with other areas around the MIT innovation ecosystem and beyond.

Prior to working for MIT Corporate Relations, she worked for over a decade at Credit Suisse Group in New York and London, in a few different roles in event management and as Director of Client Strategy. Ms. Rodenstein has combined her experience in the private sector with work at non-profits as a Consultant and Development Director at New York Immigration Coalition, Immigrant Defense Project, and Americas Society/Council of the Americas. She also served as an Officer on the Board of Directors of the Riverside Clay Tennis Association in New York for several years. Additionally, she earned her B.A. in Political Science and Communications from New York University, with coursework at the Instituto Tecnológico y de Estudios Superiores de Monterrey in Mexico City, and her M.A. in Sociology from the City University of New York.

Layla Shaikley
Co-founder and Head of Product
Wise Systems

Markus Güster
Founder and CEO
MontBlancAI

Gant Redmon
CEO
Hopara

Michael Fleder
Founder and CEO
Covariance.AI

Jay Liu
Co-founder and CEO
CoCoPIE

Yudong Cao
Co-founder and CTO
Zapata AI

Anuraag Singh
Co-founder and CTO
TechNext

Anuj Bhalla
Founder and CEO
serviceMob

Anish Athalye
CTO
Cleanlab

Emanuel Zgraggen
Co-founder and CEO
Einblick
Lunch with Startup Exhibit

Afternoon Introduction

Speaker 2:

Julie Shah
Associate Professor of Aeronautics and Astronautics

Julie Shah is an Associate Professor in the Department of Aeronautics and Astronautics at MIT and leads the Interactive Robotics Group of the Computer Science and Artificial Intelligence Laboratory. Shah received her SB (2004) and SM (2006) from the Department of Aeronautics and Astronautics at MIT, and her PhD (2010) in Autonomous Systems from MIT. Before joining the faculty, she worked at Boeing Research and Technology on robotics applications for aerospace manufacturing. She has developed innovative methods for enabling fluid human-robot teamwork in time-critical, safety-critical domains, ranging from manufacturing to surgery to space exploration. Her group draws on expertise in artificial intelligence, human factors, and systems engineering to develop interactive robots that emulate the qualities of effective human team members to improve the efficiency of human-robot teamwork. In 2014, Shah was recognized with an NSF CAREER award for her work on “Human-aware Autonomy for Team-oriented Environments,” and by the MIT Technology Review TR35 list as one of the world’s top innovators under the age of 35. Her work on industrial human-robot collaboration was also recognized by the Technology Review as one of the 10 Breakthrough Technologies of 2013, and she has received international recognition in the form of best paper awards and nominations from the International Conference on Automated Planning and Scheduling, the American Institute of Aeronautics and Astronautics, the IEEE/ACM International Conference on Human-Robot Interaction, the International Symposium on Robotics, and the Human Factors and Ergonomics Society.

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Schrage has run design workshops and executive education programs on innovation, experimentation, and strategic measurement for organizations all over the world and is currently pioneering work in selvesware technologies designed to augment aspects, attributes, and talents of productive individuals. He is particularly interested in the future co-evolution of expertise, advice, and human agency as technologies become smarter than the people using them.

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Networking Break
The transformative potential and risks of AI go well beyond the technology itself. But senior executives can be forgiven if they can’t stay current with the fast-multiplying set of AI tools and capabilities. Happily, you don’t have to master the complex details of the AI landscape. But you do need to know enough to understand the challenges and opportunities arising from AI. In this session, we’ll provide an executive-level overview of key categories of AI. We’ll explore practical applications of digital transformation with AI. And we’ll delve into key challenges and considerations surrounding AI implementation. This is not a technical discussion; it’s a leadership one. By the end of this session, you’ll be ready to ask the right questions and make the right decisions about how to lead your organization through the AI revolution.
Dr. Nick van der Meulen is a Research Scientist at the MIT Sloan Center for Information Systems Research (MIT CISR). He conducts academic research that targets the challenges of senior level executives at MIT CISR's nearly 100 global sponsor companies, with a specific interest in how companies need to organize themselves differently in the face of continuous technological change. His work on digital workplaces and the employee experience resulted in a range of academic and industry publications, in outlets such as the *Journal of Information Technology*, *MIS Quarterly Executive*, and the *European Business Review*. Currently, he examines how decision rights are changing in the context of digital business transformation.

Nick earned his PhD in Business and Management from the Rotterdam School of Management, Erasmus University. Prior to joining MIT CISR, he was a faculty member at the University of Amsterdam.

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