2023 MIT Paris Symposium: Future of Work

October 13, 2023 9:00 am - 12:30 pm

9:00 AM - 9:15 PM
Welcome & Introduction

9:15 AM - 9:55 AM
Augmenting Performance With AI
Pattie Maes
Professor of Media Technology, MIT Media Lab

Pattie Maes is a professor in MIT's Program in Media Arts and Sciences. She runs the Media Lab's Fluid Interfaces research group, which aims to radically reinvent the human-machine experience. Coming from a background in artificial intelligence and human-computer interaction, she is particularly interested in the topic of cognitive enhancement, or how immersive and wearable systems can actively assist people with memory, attention, learning, decision making, communication, and wellbeing.

Maes is the editor of three books, and is an editorial board member and reviewer for numerous professional journals and conferences. She has received several awards: Fast Company named her one of 50 most influential designers (2011); Newsweek picked her as one of the "100 Americans to watch for" in the year 2000; TIME Digital selected her as a member of the "Cyber Elite," the top 50 technological pioneers of the high-tech world; the World Economic Forum honored her with the title "Global Leader for Tomorrow"; Ars Electronica awarded her the 1995 World Wide Web category prize; and in 2000 she was recognized with the "Lifetime Achievement Award" by the Massachusetts Interactive Media Council. She has also received an honorary doctorate from the Vrije Universiteit Brussel in Belgium, and her 2009 TED talk on "the 6th sense device" is among the most-watched TED talks ever.

In addition to her academic endeavors, Maes has been an active entrepreneur as co-founder of several venture-backed companies, including Firefly Networks (sold to Microsoft), Open Ratings (sold to Dun & Bradstreet) and Tulip Co (privately held). Prior to joining the Media Lab, Maes was a visiting professor and a research scientist at the MIT Artificial Intelligence Lab. She holds a bachelor's degree in computer science and a PhD in artificial intelligence from the Vrije Universiteit Brussel in Belgium.

View full bio
With multiple leadership roles at MIT, Kathleen is on the front lines of technology and innovation. Right now, she is passionate about AI education, digital transformation, and sustainable fashion. She is a strategic leader with a unique skill set for transforming organizations as well as building new ones.

As Executive Director of the MIT Center for Collective Intelligence, Kathleen works with a multidisciplinary research team on Supermind Design, a methodology for designing intelligent human/machine organizations. She is putting that into practice at MIT Open Learning, where she leads MIT Horizon, a digital learning platform helping organizations to train at scale about emerging technologies such as AI.

Ben Armstrong is the executive director of MIT's Industrial Performance Center. His research and teaching examine how workers, firms, and regions adapt to technological change. In his work, Ben has collaborated with governments, non-profit organizations, and firms to understand how scholarship and education can be useful to practitioners and policymakers. Previously, he worked for Google Inc. and served on the board of an open-source hardware non-profit. Ben received his PhD from MIT.
Catarina Madeira joined the Office of Corporate Relations as Program Director of Startup Exchange, in May 2021. She was promoted to Director of Startup Exchange in December 2022.

Catarina has been working with the Cambridge/Boston startup ecosystem for over 10 years and joined Corporate Relations with a solid network in the innovation and entrepreneurial community. Prior to MIT, she was part of the team that designed and launched the startup accelerator IUL MIT Portugal later rebranded to Building Global Innovators. She was based in Lisbon and worked in direct relation with the Cambridge team. She held positions including Operations Coordinator, Program Manager, and Business Developer. The accelerator soon achieved steady growth in large part due to the partnerships that Catarina led with regional and global startup ecosystems. After that, she worked at NECEC, leading a program that connects cleantech startups and industry. In this role, she developed and built a pipeline of startups and forged strong relationships with both domestic and European companies. She has also held positions in Portugal and France including at Saboaria e Perfumaria Confiança and L’Oréal as Technical Director and Pharmacist.

Catarina earned her Bachelor in Chemistry at the University of Porto and her Bachelor in Pharmaceutical Sciences at the University of Coimbra in Portugal. She went on to earn her Master of Engineering for Health and Medicines at University Lyon 1 and EM Lyon in France.