February 3, 2021 11:00 am - 1:00 pm

11:00am - 11:05am  Welcome and Introduction
Klaus Schleicher
Director
MIT Corporate Relations / Industrial Liaison Program

Klaus Schleicher joined the Office of Corporate Relations in 2013. He has a Global Operations and Technology background that has delivered rapid profitable growth in the imaging systems, speech recognition, IT security and consulting, digital printing & media industries. He has executive experience in Sales, Marketing, Product Development, Strategy and Business Development and has held senior positions at Universal Wilde, Presstek Inc., Consul Risk Management B.V. (IBM), Lernout & Hauspie (Nuance), Agfa (Bayer Corp.) and Honeywell Inc. He holds a Master Degree in Computer Science and Engineering, from the Technical University of Giessen in Germany.

View full bio
11:05am - 11:50am
Introduction to Senseable City Lab Research
Jackie Dufault
Executive Director, MIT Senseable City Lab (SCL)

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Executive Director, MIT Senseable City Lab (SCL)

Jackie Dufault is the Executive Director of MIT’s Senseable City Lab (SCL). SCL is a multidisciplinary research group investigating how digital technologies are changing the way people live and their implications at the urban scale. SCL employs designers, planners, engineers, mathematicians, physicists, biologists and social scientists to conduct research that develops and deploys tools to learn about cities. As Executive Director, Jackie provides strategic and operational leadership across all the Lab’s functions and has a large responsibility in the planning, shaping, directing and executing the mission of the Lab.

Prior to joining Senseable City Lab, Jackie spent 16 years with ICEDR, an international consortium focused on leadership development and talent management for Fortune 500 companies, as the Director of Product Management and also the Managing Director of the ICEDR Webinar Series. She created and executed all aspects of ICEDR’s marketing strategy for its programming and overall product management to ensure ICEDR’s partner needs were constantly exceeded.

Prior to working at ICEDR, Jackie was an Associate at MaPS (Marketing and Planning Systems), a marketing research and consulting firm, streamlining internal efficiencies for quality deliverables to clients. Prior to this she was a Client Services Manager at AIRINC (Associates for International Research), advising oil and gas companies on how best to handle expatriate assignments with regards to cost-of-living differences around the world.

Jackie holds an MBA from the MIT Sloan School of Management and a BA in Economics and Government from Dartmouth College.

Fabio Duarte
Principal Research Scientist, Senseable City Lab

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Fábio Duarte is a Lecturer in DUSP and Principal Research Scientist at the MIT Senseable City Lab, where he manages projects including Underworlds, Roboat, City Scanner, as well as the data visualization team. Duarte has a background in urban planning and a PhD in communication and technology from the Universidade de São Paulo, Brazil. Duarte has been a visiting professor at the Yokohama University and Twente University, is a professor at PUCPR (Brazil) and has served as a consultant in urban planning and mobility for the World Bank.


This session will introduce to participants the cutting-edge research performed by the Senseable City Lab on Urban Science and Technology. We’ll discuss a selection of projects, as well as the methods and technologies used in the research, as well as the impact for partner cities. We will also discuss the diverse forms of collaboration between the lab and our partners.
The Urban Tech opportunities for Latin American Development / Introduction to the Latin American Urban Tech Initiative

Ricardo Alvarez
PhD Candidate, Department of Urban Studies and Planning, MIT
Researcher, MIT SENSEable City Lab

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PhD Candidate, Department of Urban Studies and Planning, MIT
Researcher, MIT SENSEable City Lab

Ricardo Alvarez is a PhD Candidate for the City Design and Development Group in the Department of Urban Studies and Planning and also a researcher in the SENSEable City Lab, both at the Massachusetts Institute of Technology (MIT). His research focuses on the integration of large scale networked architectures of digital sensors and the use of A.I. in future urban infrastructure systems.

Prior to MIT, he worked for five years in the Mexican Federal Government as a founding member of ProMexico (the country’s trade and investment promotion Federal Agency) where he worked as Senior Advisor to the CEO, managed International Operations for North America, Europe, Africa and the Middle East and headed the Innovation and Strategic Projects Office. Before that he worked in the private sector in the retail, financial and media industries, both as an entrepreneur as well as corporate.

Alvarez is also an international speaker, having participated in conferences across several countries in America, Europe and Asia. In addition to his studies at MIT he holds a Master in International Management degree from Thunderbird and a Bachelor in Industrial and Systems Engineering degree from the Instituto Tecnologico y de Estudios Superiores de Monterrey.

This session will focus on defining topics of research and development opportunities for Latin American Cities. We’ll present potential research lines from the lab that could form the initial basis for an urban technology agenda for the region. We will also use this session to introduce the Latin American Urban Technology Initiative to the participants.

Q&A and Workshop Discussion

The workshop discussion will center on obtaining feedback from the participants on the proposed initiative and the urban technology agenda for the region, as well as in potential forms of collaboration needed to move the initiative forward.