The MIT Mobility Initiative

September 22, 2020 11:00 am - 1:00 pm

11:00am	Part I – Behavioral Science, Machine Learning, and New Mobility Services
	Jinhua Zhao
	Professor of Cities and Transportation
	Founder, MIT Mobility Initiative
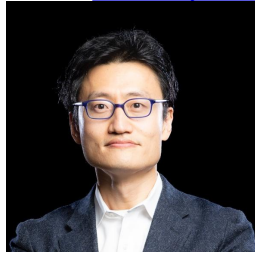
Jinhua Zhao
Professor of Cities and Transportation
Founder
MIT Mobility Initiative

Jinhua Zhao is the Professor of Cities and Transportation at the Massachusetts Institute of Technology (MIT). Prof. Zhao integrates behavioral and computational thinking to decarbonize the world's mobility system.

Prof. Zhao founded the MIT Mobility Initiative, coalescing the Institute's efforts on transportation research, education, entrepreneurship, and engagement. He hosts the MIT Mobility Forum, highlighting transportation innovation from MIT and across the globe.

Prof. Zhao directs the JTL Urban Mobility Lab and Transit Lab, leading long-term collaborations with transportation authorities and operators worldwide and enabling cross-culture learning between cities in North America, Asia, and Europe.

Prof. Zhao leads the program "Mens, Manus, and Machina (M3S): How AI Impacts the Future of Work and Future of Learning" at the Singapore MIT Alliance for Research and Technology (SMART).

He is the co-founder and chief scientist for TRAM.Global, a mobility decarbonization venture.

Research Interest

He brings behavioral science and transportation technology together to shape travel behavior, design mobility systems, and reform urban policies. He develops computational methods to sense, predict, nudge, and regulate travel behavior and designs multimodal mobility systems that integrate automated and shared mobility with public transport. He sees transportation as a language to describe a person, characterize a city, and understand an institution and establishes the behavioral foundation for transportation systems and policies.

View full bio
Annie Hudson
Researcher, MIT Urban Mobility Lab
Annie Hudson
Researcher, MIT Urban Mobility Lab

Annie is an urban mobility researcher with MIT's Urban Mobility Lab and MIT's AgeLab. Her research focuses on preparing cities for next-generation transportation technologies. She has worked as a consultant and researcher on a number of transportation projects for organizations ranging from the IADB to the Parisian government. Prior to her time at MIT, she worked as an energy policy analyst and researcher at the Center for Strategic and International Studies in Washington DC, honing an expertise on energy transitions in Europe as well as 'frontier' energy innovations. She has also worked in communications for a wide variety of urban mobility clients, ranging from car-sharing company Zipcar to bike-sharing company Zagster. She received dual masters degrees from MIT in Urban Planning and Transportation Science and her bachelors in World Politics and German Literature from Hamilton College.

Part II – Summary of MMI goals and activities

Part III – Further discussion for ILP members only