

César Hidalgo, MIT Media Lab

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César A. Hidalgo is an associate professor at the MIT Media Lab, and faculty associate at Harvard University's Center for International Development. Before joining MIT, Hidalgo was an adjunct lecturer in public policy at Harvard's John F. Kennedy School of Government, and a research fellow at Harvard's Center for International Development. His work focuses on improving the understanding of systems by using and developing concepts of complexity, evolution, and network science; his goal is to help improve understanding of the evolution of prosperity in order to help develop industrial policies that can help countries raise the living standards of their citizens. His areas of application include economic development, systems biology, and social systems. Hidalgo is also a graphic-art enthusiast and has published and exhibited artwork that uses data collected originally for scientific purposes. A native of Santiago de Chile, Hidalgo holds a PhD in physics from the University of Notre Dame and a bachelor's degree in physics from the Pontificia Universidad Católica de Chile. With Ricardo Hausmann et al., he is co-author

of *The Atlas of Economic Complexity*. His most recent book is *Why Information Grows: The Evolution of Order, from Atoms to Economies*.

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Carolina Osorio is an assistant professor in the Department of Civil and Environmental Engineering (CEE) and in the Operations Research Center (ORC) at MIT. Her work develops operations research techniques to inform the design and operations of urban transportation systems. It focuses on simulation-based optimization algorithms for, and analytical probabilistic modeling of, congested urban road networks. She is the recipient of a US National Science Foundation CAREER Award, an MIT CEE Maseeh Excellence in Teaching Award, an MIT Technology Review EmTech Colombia TR35 Award, a European Association of Operational Research Societies (EURO) Doctoral Dissertation Award, and has been recently honored as an invited speaker to the National Academy of Engineering's EU-US Frontiers of Engineering Symposium.

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Yossi Sheffi is the Elisha Gray II Professor of Engineering Systems at the Massachusetts Institute of Technology, where he serves as Director of the MIT Center for Transportation & Logistics. He is an expert in systems optimization, risk analysis, and supply chain management and is the author of four books: *Urban Transportation Networks*; *The Resilient Enterprise: Overcoming Vulnerability for Competitive Advantage*; *Logistics Clusters: Delivering Value and Driving Growth*; and *The Power of Resilience: How the Best Companies Manage the Unexpected*. Under his leadership, the Center has launched many educational, research, and industry/government outreach programs, including the

MIT Master of Engineering in Logistics Program; the MIT-Zaragoza International Logistics Program in Spain; the Center for Latin American Logistics Innovation in Colombia; the Malaysia Supply Chain Innovation Institute; the Luxembourg Logistics Innovation Center; and the Ningbo Supply Chain Innovation Institute China in 2016. Outside the Institute, Dr. Sheffi has consulted with leading enterprises and founded or co-founded five successful companies: LogiCorp (acquired by Ryder); PTCG (acquired by Sabre); e-Chemicals (acquired by AspenTech); Logistics.com (acquired by Manhattan Associates), and Syncra Systems (acquired by Retek).