Faculty and Teaching Staff

Noelle Eckley Selin, PhD
Professor of Data, Systems, and Society
Professor of Earth, Atmospheric and Planetary Sciences
Interim Director, Institute for Data, Systems, and Society

Fotini Christia, PhD
Ford International Professor in the Social Sciences
Professor of Political Science
Associate Director, Institute for Data, Systems, and Society

Dean Eckles, PhD
Associate Professor of Marketing
Associate Director, Institute for Data, Systems, and Society
(On leave)

Frank R. Field III, PhD
Senior Research Engineer
Lecturer of Data, Systems, and Society
Graduate Officer, Institute for Data, Systems, and Society

Ankur Moitra, PhD
Norbert Wiener Professor of Mathematics
Associate Director, Institute for Data, Systems, and Society

Professors

Alberto Abadie, PhD
Professor of Economics
Member, Institute for Data, Systems, and Society

Daron Acemoglu, PhD
Institute Professor
Professor of Economics
Member, Institute for Data, Systems, and Society

Saurabh Amin, PhD
Professor of Civil and Environmental Engineering
Member, Institute for Data, Systems, and Society

Sinan Aral, PhD
David Austin Professor in Management
Professor of Information Technology and Marketing
Member, Institute for Data, Systems, and Society

Nicholas A. Ashford, JD, PhD
Professor of Technology and Policy
Member, Institute for Data, Systems, and Society

Hamsa Balakrishnan, PhD
William E. Leonhard (1940) Professor
Professor of Aeronautics and Astronautics
Member, Institute for Data, Systems, and Society
(On leave)

Adam Berinsky, PhD
Mitsui Professor of Political Science
Professor of Political Science
Member, Institute for Data, Systems, and Society
(On leave)

Dimitri P. Bertsekas, PhD
Jerry McAfee (1940) Professor Post-Tenure in Engineering
Professor Post-Tenure of Electrical Engineering
Member, Institute for Data, Systems, and Society

Robert C. Berwick, PhD
Professor of Computer Science and Engineering and Computational Linguistics
Member, Institute for Data, Systems, and Society
(On leave)

Alessandro Bonatti, PhD
John Norris Maguire (1960) Professor
Professor of Applied Economics
Member, Institute for Data, Systems, and Society
(On leave)

Emery N. Brown, MD, PhD
Edward Hood Taplin Professor of Medical Engineering
Warren M. Zapol Professor of Anaesthesia, HMS
Professor of Computational Neuroscience
Member, Institute for Data, Systems, and Society
Core Faculty, Institute for Medical Engineering and Science

Victor V. Chernozhukov, PhD
Ford International Professor
Professor of Economics
Member, Institute for Data, Systems, and Society

Nazli Choucri, PhD
Professor of Political Science
Member, Institute for Data, Systems, and Society

Munther A. Dahleh, PhD
William A. Coolidge Professor
Professor of Electrical Engineering and Computer Science
Member, Institute for Data, Systems, and Society
(On leave, fall)

Richard de Neufville, PhD
Professor of Data, Systems, and Society
(On leave, spring)
Esther Duflo, PhD
Abdul Latif Jameel Professor of Poverty Alleviation and Development Economics
Member, Institute for Data, Systems, and Society
(On leave, spring)

Robert Michael Freund, PhD
Theresa Seley Professor in Management Sciences
Professor of Operations Research
Member, Institute for Data, Systems, and Society

David Gamarnik, PhD
Nanyang Technological University Professor
Professor of Operations Research
Member, Institute for Data, Systems, and Society

Polina Golland, PhD
Sunlin (1966) and Priscilla Chou Professor
Professor of Computer Science and Engineering
Member, Institute for Data, Systems, and Society

Stephen C. Graves, PhD
Abraham J. Siegel Professor of Management
Professor of Operations Management and Leaders for Global Operations
Professor of Mechanical Engineering
Member, Institute for Data, Systems, and Society

D. Fox Harrell Jr, PhD
Professor of Digital Media
Member, Institute for Data, Systems, and Society
(On leave)

Daniel E. Hastings, PhD
Cecil and Ida Green Professor in Education
Professor of Aeronautics and Astronautics
Interim Institute Community and Equity Officer
Interim Associate Provost for Faculty Advancement
Member, Institute for Data, Systems, and Society

Anette E. Hosoi, PhD
Neil and Jane Pappalardo Professor
Professor of Mechanical Engineering
Professor of Mathematics
Member, Institute for Data, Systems, and Society

Tommi S. Jaakkola, PhD
Thomas M. Siebel Distinguished Professor
Professor of Electrical Engineering and Computer Science
Member, Institute for Data, Systems, and Society

Ali Jadbabaie, PhD
JR East Professor of Engineering
Professor of Civil and Environmental Engineering
Head, Department of Civil and Environmental Engineering
Member, Institute for Data, Systems, and Society

Patrick Jaillet, PhD
Dugald C. Jackson Professor in Electrical Engineering
Professor of Electrical Engineering and Computer Science
Professor of Civil and Environmental Engineering
Member, Institute for Data, Systems, and Society
(On leave, fall)

Sertac Karaman, PhD
Professor of Aeronautics and Astronautics
Member, Institute for Data, Systems, and Society

Christopher Roland Knittel, PhD
William Barton Rogers Professor in Energy
Professor of Applied Economics
Member, Institute for Data, Systems, and Society

Andrew W. Lo, PhD
Charles E. and Susan T. Harris Professor
Professor of Finance
Member, Institute for Data, Systems, and Society
(On leave)

Youssef M. Marzouk, PhD
Professor of Aeronautics and Astronautics
Member, Institute for Data, Systems, and Society

Alexandre Megretski, PhD
Professor of Electrical Engineering
Member, Institute for Data, Systems, and Society

Eytan H. Modiano, PhD
Richard Cockburn Maclaurin Professor in Aeronautics and Astronautics
Professor of Aeronautics and Astronautics
Member, Institute for Data, Systems, and Society
(On leave)

Whitney K. Newey, PhD
Ford Professor
Professor of Economics
Member, Institute for Data, Systems, and Society
(On leave, spring)

Dava Newman, PhD
Apollo Professor of Astronautics and Engineering Systems
Member, Institute for Data, Systems, and Society
Affiliate Faculty, Institute for Medical Engineering and Science
Member, Health Sciences and Technology Faculty

Kenneth A. Oye, PhD
Professor of Political Science
Member, Institute for Data, Systems, and Society
Asuman E. Ozdaglar, PhD  
MathWorks Professor of Electrical Engineering and Computer Science  
Head, Department of Electrical Engineering and Computer Science  
Professor of Electrical Engineering  
Deputy Dean of Academics, MIT Schwarzman College of Computing  
Member, Institute for Data, Systems, and Society

Pablo A. Parrilo, PhD  
Joseph F. and Nancy P. Keithley Professor in Electrical Engineering  
Professor of Electrical Engineering and Computer Science  
Professor of Mathematics  
Member, Institute for Data, Systems, and Society

Alex Pentland, PhD  
Toshiba Professor of Media Arts and Sciences  
Member, Institute for Data, Systems, and Society

Jaime Peraire, PhD  
H. N. Slater Professor in Aeronautics and Astronautics  
Member, Institute for Data, Systems, and Society

Yury Polyanskiy, PhD  
Professor of Electrical Engineering and Computer Science  
Member, Institute for Data, Systems, and Society

Alexander Rakhlin, PhD  
Professor of Brain and Cognitive Sciences  
Member, Institute for Data, Systems, and Society

David Rand, PhD  
Erwin H. Schell Professor  
Professor of Marketing  
Professor of Brain and Cognitive Sciences  
Member, Institute for Data, Systems, and Society

Roberto Rigobon, PhD  
Society of Sloan Fellows Professor  
Professor of Applied Economics  
Member, Institute for Data, Systems, and Society

Philippe Rigollet, PhD  
Professor of Mathematics  
Member, Institute for Data, Systems, and Society

Deb K. Roy, PhD  
Professor of Media Arts and Sciences  
Member, Institute for Data, Systems, and Society

Themistoklis Sapsis, PhD  
Professor of Mechanical and Ocean Engineering  
Member, Institute for Data, Systems, and Society

Devavrat Shah, PhD  
Andrew (1956) and Erna Viterbi Professor  
Professor of Electrical Engineering and Computer Science  
Member, Institute for Data, Systems, and Society  
(On leave)

Yossi Sheffi, PhD  
Elisha Gray II Professor  
Professor of Civil and Environmental Engineering  
Member, Institute for Data, Systems, and Society

Susan S. Silbey, PhD  
Leon and Anne Goldberg Professor of Humanities  
Professor of Sociology and Anthropology  
Professor of Behavioral and Policy Studies  
Member, Institute for Data, Systems, and Society

David Simchi-Levi, PhD  
Professor of Civil and Environmental Engineering  
Member, Institute for Data, Systems, and Society

Jean-Jacques E. Slotine, PhD  
Professor of Mechanical Engineering  
Professor of Information Sciences  
Member, Institute for Data, Systems, and Society

John Sterman, PhD  
Jay W. Forrester Professor of Management  
Professor of System Dynamics  
Member, Institute for Data, Systems, and Society

Charles H. Stewart III, PhD  
Kenan Sahin (1963) Distinguished Professor  
Professor of Political Science  
Member, Institute for Data, Systems, and Society

Tavneet Suri, PhD  
Louis E. Seley Professor in Applied Economics  
Professor of Applied Economics  
Member, Institute for Data, Systems, and Society

Jesse Thaler, PhD  
Professor of Physics  
Member, Institute for Data, Systems, and Society

Jessika Trancik, PhD  
Professor of Data, Systems, and Society

John N. Tsitsiklis, PhD  
Clarence J. LeBel Professor in Electrical Engineering and Computer Science  
Professor Post-Tenure of Electrical Engineering  
Member, Institute for Data, Systems, and Society

Caroline Uhler, PhD  
Professor of Electrical Engineering and Computer Science  
Member, Institute for Data, Systems, and Society

Martin J. Wainwright, PhD  
Cecil H. Green Professor in Electrical Engineering  
Professor of Electrical Engineering and Computer Science  
Professor of Mathematics  
Member, Institute for Data, Systems, and Society
Roy E. Welsch, PhD
Eastman Kodak Leaders for Global Operations Professor of Management
Professor of Statistics
Member, Institute for Data, Systems, and Society
(On leave)

Michael Williams, PhD
Professor of Physics
Member, Institute for Data, Systems, and Society

Moe Z. Win, PhD
Professor of Aeronautics and Astronautics
Member, Institute for Data, Systems, and Society

Gregory W. Wornell, PhD
Sumitomo Electric Industries Professor in Engineering
Professor of Electrical Engineering
Member, Institute for Data, Systems, and Society

Tepppei Yamamoto, PhD
Professor of Political Science
Member, Institute for Data, Systems, and Society

Jinhua Zhao, PhD
Professor of Urban Planning and Transportation
Professor of Civil and Environmental Engineering
Member, Institute for Data, Systems, and Society

Associate Professors

Guy Bresler, PhD
Associate Professor of Electrical Engineering and Computer Science
Member, Institute for Data, Systems, and Society
(On leave)

Tamara A. Broderick, PhD
Associate Professor of Electrical Engineering and Computer Science
Member, Institute for Data, Systems, and Society
(On leave)

Luca Carlone, PhD
Boeing Professor
Associate Professor of Aeronautics and Astronautics
Member, Institute for Data, Systems, and Society

Stefanie Sabrina Jegelka, ScD
Associate Professor of Electrical Engineering and Computer Science
Member, Institute for Data, Systems, and Society
(On leave)

In Song Kim, PhD
Associate Professor of Political Science
Member, Institute for Data, Systems, and Society

Rahul Mazumder, PhD
Associate Professor of Operations Research
Member, Institute for Data, Systems, and Society

Richard Nielsen, PhD
Associate Professor of Political Science
Member, Institute for Data, Systems, and Society

Hazhir Rahmandad, PhD
Schussel Family Professor of Management Science
Associate Professor of System Dynamics
Member, Institute for Data, Systems, and Society
(On leave)

Ramesh Raskar, PhD
Associate Professor of Media Arts and Sciences
Member, Institute for Data, Systems, and Society

Lawrence Sass, PhD
Associate Professor of Computation and Design
Member, Institute for Data, Systems, and Society

Suvrit Sra, PhD
Associate Professor of Electrical Engineering and Computer Science
Member, Institute for Data, Systems, and Society

Sarah E. Williams, MCP
Norman B. and Muriel Leventhal Professor
Associate Professor of Information Technologies and Urban Planning
Member, Institute for Data, Systems, and Society

Assistant Professors

Navid Azizan, PhD
Edgerton Career Development Professor
Assistant Professor of Mechanical Engineering
Member, Institute for Data, Systems, and Society

Rahul Bhui, PhD
Class of 1958 Career Development Professor
Assistant Professor of Marketing
Member, Institute for Data, Systems, and Society
(On leave)

Crystal Lee, PhD
Assistant Professor of Comparative Media Studies
Member, Institute for Data, Systems, and Society

Sherrie Wang, PhD
Brit (1961) and Alex (1949) d'Arbeloff Career Development Professor
Assistant Professor of Mechanical Engineering
Member, Institute for Data, Systems, and Society

Cathy Wu, PhD
Assistant Professor of Civil and Environmental Engineering
Member, Institute for Data, Systems, and Society
Research Staff

Senior Research Scientists
Stan N. Finkelstein, MD
Senior Research Scientist of Data, Systems, and Society

Principal Research Scientists
Audun Botterud, PhD
Principal Research Scientist of Data, Systems, and Society

Mardavij Roozbehani, PhD
Principal Research Scientist of Data, Systems, and Society

Kalyan Veeramachaneni, PhD
Principal Research Scientist of Data, Systems, and Society

Professors Emeriti
Richard Charles Larson, PhD
Mitsui Professor Emeritus
Professor Emeritus of Data, Systems, and Society

Daniel Roos, PhD
Professor Emeritus of Data, Systems, and Society
Professor Emeritus of Civil and Environmental Engineering