Faculty and Teaching Staff

Munther A. Dahleh, PhD
William A. Coolidge Professor
Professor of Electrical Engineering and Computer Science
Director, Institute for Data, Systems, and Society

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

Fotini Christia, PhD
Professor of Political Science
Associate Director, Institute for Data, Systems, and Society

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

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

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

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

Professors

Daron Acemoglu, PhD
Institute Professor
Professor of Economics
Member, Institute for Data, Systems, and Society
(On leave)

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

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

Dimitri P. Bertsekas, PhD
Jerry McAfee (1940) Professor Post-Tenure
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

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

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

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
INSTITUTE FOR DATA, SYSTEMS, AND SOCIETY

Polina Golland, PhD
Henry Ellis Warren (1894) Professor
Professor of Computer Science and Engineering
Member, Institute for Data, Systems, and Society
Affiliate Faculty, Institute for Medical Engineering and Science

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

Daniel E. Hastings, PhD
Cecil and Ida Green Professor in Education
Professor of Aeronautics and Astronautics
Head, Department of Aeronautics and Astronautics
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 Siebel 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
Professor of Electrical Engineering and Computer Science
Professor of Civil and Environmental Engineering
Member, Institute for Data, Systems, and Society

Richard Charles Larson, PhD
Mitsui Professor Post-Tenure
Professor Post-Tenure of 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

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

Sanjoy K. Mitter, PhD
Professor Post-Tenure of Electrical Engineering
Member, Institute for Data, Systems, and Society

Eytan H. Modiano, PhD
Professor of Aeronautics and Astronautics
Member, Institute for Data, Systems, and Society

Elchanan Mossel, PhD
Professor of Mathematics
Member, Institute for Data, Systems, and Society

Whitney K. Newey, PhD
Ford Professor
Professor of Economics
Member, Institute for Data, Systems, and Society

Dava Newman, PhD
Apollo Professor of Aeronautics 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
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
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

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  
(On leave)  

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, fall)  

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  
(On leave, fall)  

David Simchi-Levi, PhD  
Professor of Civil and Environmental Engineering  
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  

Gilbert Strang, PhD  
MathWorks Professor of Mathematics  
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  
Professor of Electrical Engineering  
Member, Institute for Data, Systems, and Society  
(On leave, fall)  

Roy E. Welsch, PhD  
Eastman Kodak Leaders for Global Operations Professor of Management  
Professor of Statistics  
Member, Institute for Data, Systems, and Society  

Alan S. Willsky, PhD  
Edwin Sibley Webster Professor Post-Tenure  
Professor Post-Tenure of Electrical Engineering and Computer Science  
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  
(On leave)  

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

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

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

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

Luca Carlone, PhD  
Leonardo Career Development Professor of Engineering  
Associate Professor of Aeronautics and Astronautics  
Member, Institute for Data, Systems, and Society
Dean Eckles, PhD
Mitsubishi Career Development Professor
Associate Professor of Marketing
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

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

Yury Polyanskiy, PhD
Associate Professor of Electrical Engineering and Computer 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

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

Suwit Sra, PhD
Esther and Harold Edgerton Career Development Professor
Associate Professor of Electrical Engineering and Computer Science
Member, Institute for Data, Systems, and Society

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

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

Michael Williams, PhD
Associate Professor of Physics
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

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

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

**Assistant Professors**

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

Cathy Wu, PhD
Gilbert W. Winslow Career Development Professor
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**

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