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
(On leave)

Fotini Christia, PhD
Ford International Professor in the Social Sciences
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

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

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. Leonard (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 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

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

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

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

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

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

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
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

D. Fox Harrell Jr, PhD
Professor of Digital Media
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
(On leave, fall)

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

Christopher Roland Knittel, PhD
William Barton Rogers Professor in Energy
Professor of Applied Economics
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
Richard Cockburn Maclaurin Professor in Aeronautics and Astronautics
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

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  
(On leave)

Philippe Rigollet, PhD  
Professor of Mathematics  
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

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

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

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

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 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  
(On leave)

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

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

**Associate Professors**

Saurabh Amin, PhD  
Associate Professor of Civil and Environmental Engineering  
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  
(On leave, fall)

Dean Eckles, PhD  
Mitsubishi Career Development Professor  
Associate Professor of Marketing  
Member, Institute for Data, Systems, and Society  
(On leave)

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

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

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

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

Suvrit Sra, 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 Urban Planning and Transportation  
Associate Professor of Civil and Environmental Engineering  
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

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**

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