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
Ford International Professor in the Social Sciences
Professor of Political Science
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. Zapoul Professor of Anaesthesia, 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 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
(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

Tepppei 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
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