Faculty and Teaching Staff

Munther A. Dahleh, PhD
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

Stephen C. Graves, PhD
Professor of Operations Management and Leaders for Global Operations
Professor of Mechanical Engineering
Graduate Officer, Institute for Data, Systems, and Society

Ali Jadbabaie, PhD
Professor of Civil and Environmental Engineering
Associate Director, Institute for Data, Systems, and Society

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

Devavrat Shah, PhD
Professor of Electrical Engineering and Computer Science
Associate Director, Institute for Data, Systems, and Society
Core Faculty, Institute for Data, Systems, and Society
(On leave, spring)

John N. Tsitsiklis, PhD
Clarence J. LeBel Professor
Professor of Electrical Engineering
Associate Director, Institute for Data, Systems, and Society
(On leave)

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. Leonhard (1940) Professor
Professor of Aeronautics and Astronautics
Associate Head, Department 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
Core Faculty, Institute for Data, Systems, and Society

Robert C. Berwick, PhD
Professor of Computer Science and Engineering and Computational Linguistics
Core Faculty, 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
Associate Director, Institute for Medical Engineering and Science
Co-Director, Health Sciences and Technology Program

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

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

Esther Duflo, PhD
Abdul Latif Jameel Professor of Poverty Alleviation and Development Economics
Member, Institute for Data, Systems, and Society

Richard de Neufville, PhD
Professor of Data, Systems, and Society

(On leave)
Robert Michael Freund, PhD
Theresa Selye Professor in Management Sciences
Professor of Operations Research
Member, Institute for Data, Systems, and Society
(On leave, fall)

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
Affiliate Faculty, Institute for Data, Systems, and Society
Affiliate Faculty, Institute for Medical Engineering and Science
(On leave, spring)

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
Associate Dean, School of Engineering
Member, Institute for Data, Systems, and Society

Jonathan P. How, PhD
Richard Cockburn Maclaurin Professor in Aeronautics and Astronautics
Member, Institute for Data, Systems, and Society

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

Patrick Jaillet, PhD
Dugald C. Jackson Professor
Professor of Electrical Engineering and Computer Science
Core Faculty, 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

Stuart E. Madnick, PhD
John Norris Maguire (1960) Professor
Professor of Information Technology
Member, Institute for Data, Systems, and Society

Thomas L. Magnanti, PhD
Institute Professor
Professor of Operations Research
Professor of Electrical Engineering
Member, Institute for Data, Systems, and Society

Thomas W. Malone, PhD
Patrick J. McGovern (1959) Professor of Management
Professor of Information Technology
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
Core Faculty, Institute for Data, Systems, and Society

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

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

Joel Moses, PhD
Institute Professor Post-Tenure
Professor Post-Tenure of Electrical Engineering and Computer Science
Affiliate Faculty, 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
(On leave)

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
Core Faculty, 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
Core Faculty, 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

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

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

Scott Roger Sheffield, PhD
Leighton Family Professor of Mathematics
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

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
Core Faculty, 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
Affiliate Faculty, Institute for Data, Systems, and Society
(On leave, spring)

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
Core Faculty, Institute for Data, Systems, and Society

Tamara Broderick, PhD
Associate Professor of Electrical Engineering and Computer Science
Affiliate Faculty, 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
X-Window Consortium Career Development Professor
Associate Professor of Electrical Engineering and Computer Science
Affiliate Faculty, Institute for Data, Systems, and Society
(On leave, fall)

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

In Song Kim, PhD
Class of 1956 Career Development Professor
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
(On leave)

Yury Polyanskiy, PhD
Associate Professor of Electrical Engineering and Computer Science
Core Faculty, 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

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

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

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

Suwrit Sra, PhD
Esther and Harold Edgerton Career Development Professor
Associate Professor of Electrical Engineering and Computer Science
Core Faculty, Institute for Data, Systems, and Society
(On leave, fall)

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

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

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

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

Sarah E. Williams, MCP
Homer A. Burnell Career Development 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
Member, Institute for Data, Systems, and Society

**Assistant Professors**

Luca Carlone, PhD
Leonardo Career Development Professor of Engineering
Assistant Professor of Aeronautics and Astronautics
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

**Professors of the Practice**

Christopher L. Magee, PhD
Professor of the Practice, Institute for Data, Systems, and Society

**Visiting Professors**

Marija Illic, PhD
Visiting Professor of Data, Systems, and Society

José Ignacio Pérez-Arriaga, PhD
Visiting Professor of Applied Economics
Visiting Professor of Data, Systems, and Society
Research Staff

Senior Research Engineers
Frank R. Field III, PhD
Lecturer of Data, Systems, and Society

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
G. David Forney, ScD
Adjunct Professor Emeritus of Electrical Engineering
Core Faculty, Institute for Data, Systems, and Society
Daniel Roos, PhD
Professor Emeritus of Data, Systems, and Society
Professor Emeritus of Civil and Environmental Engineering