# DEPARTMENT OF AERONAUTICS AND ASTRONAUTICS

## **Faculty and Teaching Staff**

Julie A. Shah, PhD H. N. Slater Professor in Aeronautics and Astronautics Head, Department of Aeronautics and Astronautics

Olivier L. de Weck, PhD Apollo Program Professor of Astronautics and Engineering Systems Associate Head, Department of Aeronautics and Astronautics

#### Professors

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

Kerri Cahoy, PhD Sheila Evans Widnall (1960) Professor Professor of Aeronautics and Astronautics Professor of Earth, Atmospheric and Planetary Sciences

Edward F. Crawley, ScD Ford Foundation Professor of Engineering Professor of Aeronautics and Astronautics

David L. Darmofal, PhD Jerome C. Hunsaker Professor Professor of Aeronautics and Astronautics

Mark Drela, PhD Terry J. Kohler Professor Professor of Aeronautics and Astronautics

Edward M. Greitzer, PhD H. N. Slater Professor in Aeronautics and Astronautics (On leave, fall)

Steven Hall, ScD Professor of Aeronautics and Astronautics

R. John Hansman Jr, PhD T. A. Wilson (1953) Professor in Aeronautics

Wesley L. Harris, PhD Charles Stark Draper Professor of Aeronautics and Astronautics

Daniel E. Hastings, PhD Cecil and Ida Green Professor in Education Professor of Aeronautics and Astronautics Member, Institute for Data, Systems, and Society Jonathan P. How, PhD Richard Cockburn Maclaurin Professor in Aeronautics and Astronautics Professor of Aeronautics and Astronautics

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

Nancy G. Leveson, PhD Jerome C. Hunsaker Professor in Aeronautics and Astronautics Professor of Aeronautics and Astronautics

Paulo C. Lozano, PhD M. Alemán-Velasco Professor Professor of Aeronautics and Astronautics

Youssef M. Marzouk, PhD Breene M. Kerr (1951) Professor Professor of Aeronautics and Astronautics Member, Institute for Data, Systems, and Society (On leave)

David W. Miller, ScD Jerome C. Hunsaker Professor Professor of Aeronautics and Astronautics

David A. Mindell, PhD Frances and David Dibner Professor in the History of Engineering and Manufacturing Professor of Aeronautics and Astronautics

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

Dava Newman, PhD Apollo Program 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

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

Raúl Radovitzky, PhD Jerome C. Hunsaker Professor in Aeronautics and Astronautics Professor of Aeronautics and Astronautics

Nicholas Roy, PhD Professor of Aeronautics and Astronautics Sara Seager, PhD Class of 1941 Professor of Planetary Sciences Professor of Physics Professor of Aeronautics and Astronautics

Zoltan S. Spakovszky, PhD T. A Wilson Professor in Aeronautics and Astronautics Professor of Aeronautics and Astronautics

Russell L. Tedrake, PhD Toyota Professor Professor of Computer Science and Engineering Professor of Aeronautics and Astronautics Professor of Mechanical Engineering (On leave)

Ian A. Waitz, PhD Jerome C. Hunsaker Professor Professor of Aeronautics and Astronautics Vice Chancellor for Undergraduate and Graduate Education

Brian L. Wardle, PhD Apollo Program Professor Professor of Aeronautics and Astronautics Professor of Mechanical Engineering (On leave)

Brian C. Williams, PhD Professor of Aeronautics and Astronautics (On leave)

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

# Associate Professors

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

Zachary Cordero, PhD Esther and Harold E. Edgerton Professor Associate Professor of Aeronautics and Astronautics

Chuchu Fan, PhD Leonardo Career Development Professor in Engineering Associate Professor of Aeronautics and Astronautics

Carmen Guerra García, PhD Charles Stark Draper Professor Associate Professor of Aeronautics and Astronautics Richard Linares, PhD Rockwell International Career Development Professor Associate Professor of Aeronautics and Astronautics

Lonnie Petersen, MD, PhD Samuel A. Goldblith Professor of Applied Biology Associate Professor of Aeronautics and Astronautics Core Faculty, Institute for Medical Engineering and Science (On leave, spring)

Qiqi Wang, PhD Associate Professor of Aeronautics and Astronautics

#### Assistant Professors

Andreea Bobu, PhD Boeing Career Development Professor in Aeronautics and Astronautics Assistant Professor of Aeronautics and Astronautics

Masha Folk, PhD Charles Stark Draper Professor of Aeronautics and Astronautics Assistant Professor of Aeronautics and Astronautics

#### **Professors of the Practice**

Jeffrey A. Hoffman, PhD Professor of the Practice of Aeronautics and Astronautics

Robert Liebeck, PhD Professor of the Practice of Aerospace Engineering

# Visiting Professors

Donna Nelson, PhD Martin Luther King, Jr. Visiting Professor of Aeronautics and Astronautics

#### Visiting Assistant Professors

Justin Wilkerson, PhD Martin Luther King, Jr. Visiting Assistant Professor of Aeronautics and Astronautics

### Senior Lecturers

Charles Oman, PhD Senior Lecturer in Aeronautics and Astronautics

Rudrapatna V. Ramnath, PhD Senior Lecturer in Aeronautics and Astronautics

Jayant Sabnis, PhD Senior Lecturer in Aeronautics and Astronautics

# Lecturers

Erik Antonsen, PhD Lecturer of Aeronautics and Astronautics Javier deLuis, PhD Lecturer of Aeronautics and Astronautics

Rea Lavi, PhD Lecturer of Aeronautics and Astronautics

Andrew Menching Liu, PhD Lecturer of Aeronautics and Astronautics

Brian Nield, PhD Lecturer of Aeronautics and Astronautics

**Technical Instructors** Todd Billings Senior Technical Instructor of Aeronautics and Astronautics

David Robertson, BEng Senior Technical Instructor of Aeronautics and Astronautics

# **Research Staff**

Senior Research Engineers Choon S. Tan, PhD Senior Research Engineer of Aeronautics and Astronautics

**Principal Research Engineers** Marshall C. Galbraith, PhD Principal Research Engineer of Aeronautics and Astronautics

## Principal Research Scientists

Ngoc Cuong Nguyen, PhD Principal Research Scientist of Aeronautics and Astronautics

Raymond L. Speth, PhD Principal Research Scientist of Aeronautics and Astronautics

**Research Engineers** Steven R. Allmaras, PhD Research Engineer of Aeronautics and Astronautics

Matthew Boyd, PhD Research Engineer of Aeronautics and Astronautics

David Gonzalez Cuadrado, PhD Research Engineer of Aeronautics and Astronautics

John Thomas, PhD Research Engineer of Aeronautics and Astronautics

# **Research Scientists**

Luiz Henrique Acauan, PhD Research Scientist of Aeronautics and Astronautics

Florian Allroggen, PhD Research Scientist of Aeronautics and Astronautics Paul Serra, PhD Research Scientist of Aeronautics and Astronautics

Afreen Siddiqi, PhD Research Scientist of Aeronautics and Astronautics

Rajat Rajendrad Talak, PhD Research Scientist of Aeronautics and Astronautics

Parker Vascik, PhD Research Scientist of Aeronautics and Astronautics

**Research Specialists** 

Matthew Pearlson, MS Research Specialist of Aeronautics and Astronautics

# **Professors Emeriti**

John J. Deyst Jr, ScD Professor Emeritus of Aeronautics and Astronautics

Steven Dubowsky, PhD Professor Emeritus of Mechanical Engineering Professor Emeritus of Aeronautics and Astronautics

Alan H. Epstein, PhD Richard Cockburn Maclaurin Professor Emeritus Professor Emeritus of Aeronautics and Astronautics

Manuel Martínez-Sánchez, PhD Professor Emeritus of Aeronautics and Astronautics

Earll M. Murman, PhD Ford Professor of Engineering Emeritus Professor Emeritus of Aeronautics and Astronautics

Amedeo R. Odoni, PhD T. A. Wilson (1953) Professor Emeritus Professor Emeritus of Aeronautics and Astronautics Professor Emeritus of Civil and Environmental Engineering

Thomas B. Sheridan, ScD Professor Emeritus of Engineering and Applied Psychology Professor Emeritus of Aeronautics and Astronautics

Robert Simpson, PhD Professor Emeritus of Aeronautics and Astronautics

Sheila E. Widnall, ScD Institute Professor Emerita Professor Emerita of Aeronautics and Astronautics