

DEPARTMENT OF PHYSICS

Faculty and Teaching Staff

Deepto Chakrabarty, PhD
Professor of Physics
Head, Department of Physics

Lindley Winslow, PhD
Professor of Physics
Associate Head, Department of Physics

Professors

Raymond Ashoori, PhD
Professor of Physics

Edmund Bertschinger, PhD
Professor of Physics

Claude R. Canizares, PhD
Bruno B. Rossi Distinguished Professor Post-Tenure in Experimental
Physics

Paola Cappellaro, PhD
Ford Professor of Engineering
Professor of Nuclear Science and Engineering
Professor of Physics
(On leave, spring)

Arup K. Chakraborty, PhD
John M. Deutch Institute Professor
Robert T. Haslam (1911) Professor in Chemical Engineering
Professor of Chemistry
Professor of Physics
Core Faculty, Institute for Medical Engineering and Science

Isaac Chuang, PhD
Professor of Electrical Engineering
Professor of Physics

Janet Conrad, PhD
Professor of Physics

William Detmold, PhD
Professor of Physics
(On leave, fall)

Matthew J. Evans, PhD
Mathworks Physics Professor
Professor of Physics

Peter H. Fisher, PhD
Thomas A. Frank (1977) Professor of Physics
Associate Vice President for Research Computing and Data

Joseph A. Formaggio, PhD
Professor of Physics
(On leave)

Anna L. Frebel, PhD
Professor of Physics

Liang Fu, PhD
Professor of Physics

Nuh Gedik, PhD
Donner Professor of Physics

Jeff Gore, PhD
Professor of Physics

Alan Guth, PhD
Victor F. Weisskopf Professor in Physics

Aram W. Harrow, PhD
Professor of Physics

Jacqueline N. Hewitt, PhD
Julius A. Stratton Professor
Professor of Physics
(On leave)

Scott A. Hughes, PhD
Professor of Physics

Robert L. Jaffe, PhD
Otto (1939) and Jane Morningstar Professor Post-Tenure of Science
Professor Post-Tenure of Physics

Pablo Jarillo-Herrero, PhD
Cecil and Ida Green Professor of Physics

John D. Joannopoulos, PhD
Francis Wright Davis Professor
Professor of Physics

Steven G. Johnson, PhD
Professor of Mathematics
Professor of Physics

David I. Kaiser, PhD
Germeshausen Professor of the History of Science
Professor of Physics
(On leave, spring)

Mehran Kardar, PhD
Francis L. Friedman Professor of Physics

Wolfgang Ketterle, PhD
John D. MacArthur Professor
Professor of Physics
(On leave, fall)

DEPARTMENT OF PHYSICS

Patrick A. Lee, PhD
William and Emma Rogers Professor
Professor Post-Tenure of Physics

Yen-Jie Lee, PhD
Class of 1958 Career Development Professor
Professor of Physics

Leonid Levitov, PhD
Professor of Physics

Hong Liu, PhD
Professor of Physics

Nuno F. Loureiro, PhD
Herman Feshbach (1942) Professor of Physics
Professor of Nuclear Science and Engineering

Nergis Mavalvala, PhD
Curtis (1963) and Kathleen Marble Professor
Professor of Physics
Dean, School of Science

Richard G. Milner, PhD
Professor of Physics

Leonid A. Mirny, PhD
Richard J. Cohen (1976) Professor in Medicine and Biomedical
Physics
Professor of Physics
Core Faculty, Institute for Medical Engineering and Science

Ernest J. Moniz, PhD
Cecil and Ida Green Distinguished Professor
Professor Post-Tenure of Physics
Professor Post-Tenure of Engineering Systems

William D. Oliver, PhD
Henry Ellis Warren (1894) Professor
Professor of Electrical Engineering and Computer Science
Professor of Physics

Christoph M. E. Paus, PhD
Professor of Physics

Miklos Porkolab, PhD
Professor Post-Tenure of Physics

David E. Pritchard, PhD
Cecil and Ida Green Professor Post-Tenure of Physics

Krishna Rajagopal, PhD
William A. M. Burden Professor of Physics

Gunther M. Roland, PhD
Professor of Physics

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

Robert A. Simcoe, PhD
Francis L. Friedman Professor of Physics

Tracy Robyn Slatyer, PhD
Professor of Physics
(On leave)

Marin Soljačić, PhD
Cecil and Ida Green Professor of Physics

Iain Stewart, PhD
Otto (1939) and Jane Morningstar Professor of Science
Professor of Physics
(On leave)

Washington Taylor IV, PhD
Professor of Physics

Max Erik Tegmark, PhD
Professor of Physics

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

Samuel C. C. Ting, PhD
Thomas D. Cabot Institute Professor
Professor of Physics

Senthil Todadri, PhD
Professor of Physics

Mark Vogelsberger, PhD
Professor of Physics

Vladan Vuletić, PhD
Lester Wolfe Professor
Professor of Physics

Xiao-Gang Wen, PhD
Cecil and Ida Green Professor in Physics

Frank Wilczek, PhD
Herman Feshbach (1942) Professor Post-Tenure of Physics

Michael Williams, PhD
Professor of Physics
Member, Institute for Data, Systems, and Society

Boleslaw Wyslouck, PhD
Professor of Physics

Barton Zwiebach, PhD
Professor of Physics

Martin Wolfram Zwierlein, PhD
Thomas A. Frank (1977) Professor of Physics

Associate Professors

Joseph George Checkelsky, PhD
Associate Professor of Physics

Riccardo Comin, PhD
Associate Professor of Physics
(On leave, fall)

Netta Engelhardt, PhD
Associate Professor of Physics

Nikta Fakhri, PhD
Thomas D. and Virginia W. Cabot Associate Professor of Physics
(On leave, fall)

Daniel Harlow, PhD
Associate Professor of Physics

Philip Harris, PhD
Associate Professor of Physics
(On leave, fall)

Or Hen, PhD
Associate Professor of Physics

Erin Kara, PhD
Associate Professor of Physics

Kiyoshi Masui, PhD
Associate Professor of Physics

Michael McDonald, PhD
Associate Professor of Physics

Max Metlitski, PhD
Associate Professor of Physics

Phiala E. Shanahan, PhD
Class of 1957 Career Development Professor
Associate Professor of Physics
(On leave, spring)

Julien Tailleur, PhD
Associate Professor of Physics

Salvatore Vitale, PhD
Associate Professor of Physics
(On leave, fall)

Assistant Professors

Soonwon Choi, PhD
Assistant Professor of Physics

Anna-Christina Eilers, PhD
Assistant Professor of Physics
(On leave)

Richard J. Fletcher, PhD
Assistant Professor of Physics

Ronald Garcia Ruiz, PhD
Assistant Professor of Physics

Long Ju, PhD
Assistant Professor of Physics

Sarah Millholland, PhD
Assistant Professor of Physics
(On leave, fall)

Lina Necib, PhD
Assistant Professor of Physics

Shu-Heng Shao, PhD
Assistant Professor of Physics

Eluned Smith, PhD
Assistant Professor of Physics

Andrew Vanderburg, PhD
Assistant Professor of Physics

Visiting Associate Professors

Ibrahim I. Cissé, PhD
Visiting Associate Professor of Physics

Senior Lecturers

Peter Dourmashkin, PhD
Senior Lecturer in Physics

Erik Katsavounidis, PhD
Senior Lecturer in Physics

Lecturers

Mohamed Abdelhafez, PhD
Lecturer in Physics

Byron Drury, PhD
Lecturer in Physics

Sean P. Robinson, PhD
Lecturer in Physics
Senior Technical Instructor of Physics

Alex Shvonski, PhD
Lecturer in Physics

Michelle Tomasik, PhD
Lecturer in Physics

Technical Instructors

Rosi Anderson, BS
Technical Instructor of Physics

Caleb C. Bonyun, MS
Senior Technical Instructor of Physics

Aidan MacDonagh, BSE
Senior Technical Instructor of Digital Learning

Christopher Miller, BS
Technical Instructor of Physics

Aaron Pilarcik, MS
Technical Instructor of Physics

Joshua Wolfe, BS
Senior Technical Instructor of Physics

Research Staff

Senior Research Scientists

Earl S. Marmar, PhD
Senior Research Scientist of Physics

Jagadeesh Moodera, PhD
Senior Research Scientist of Physics

Richard J. Temkin, PhD
Senior Research Scientist of Physics

Professors Emeriti

John Winston Belcher, PhD
Class of 1922 Professor Emeritus
Professor Emeritus of Physics

George B. Benedek, PhD
Alfred H. Caspary Professor Emeritus of Physics
Professor Emeritus of Biological Physics

Ahmet Nihat Berker, PhD
Professor Emeritus of Physics

William Bertozzi, PhD
Professor Emeritus of Physics

Robert J. Birgeneau, PhD
Professor Emeritus of Physics

Hale V. Bradt, PhD
Professor Emeritus of Physics

Wit Busza, PhD
Professor Emeritus of Physics

Min Chen, PhD
Professor Emeritus of Physics

Bruno Coppi, PhD
Professor Emeritus of Physics

Edward Farhi, PhD
Cecil and Ida Green Professor Emeritus of Physics

Daniel Z. Freedman, PhD
Professor Emeritus of Mathematics
Professor Emeritus of Physics

Jerome I. Friedman, PhD
Institute Professor Emeritus
Professor Emeritus of Physics

Jeffrey Goldstone, PhD
Professor Emeritus of Physics

Thomas J. Greytak, PhD
Lester Wolfe Professor Emeritus of Physics

Lee Grodzins, PhD
Professor Emeritus of Physics

Erich P. Ippen, PhD
Elihu Thomson Professor Emeritus
Professor Emeritus of Physics
Professor Emeritus of Electrical Engineering

Paul Christopher Joss, PhD
Professor Emeritus of Physics

Marc A. Kastner, PhD
Donner Professor of Science Emeritus
Professor Emeritus of Physics

Vera Kistiakowsky, PhD
Professor Emerita of Physics

Daniel Kleppner, PhD
Lester Wolfe Professor Emeritus
Professor Emeritus of Physics

Stanley B. Kowalski, PhD
Professor Emeritus of Physics

J. David Litster, PhD
Professor Emeritus of Physics

Earle L. Lomon, PhD
Professor Emeritus of Physics

June Lorraine Matthews, PhD
Professor Emerita of Physics

John W. Negele, PhD
William A. Coolidge Professor Emeritus
Professor Emeritus of Physics

Irwin A. Pless, PhD
Professor Emeritus of Physics

Saul A. Rappaport, PhD
Professor Emeritus of Physics

Robert P. Redwine, PhD
Professor Emeritus of Physics

Lawrence Rosenson, PhD
Professor Emeritus of Physics

Paul L. Schechter, PhD
William A. M. Burden Professor Emeritus in Astrophysics

Rainer Weiss, PhD
Professor Emeritus of Physics

James E. Young, PhD
Professor Emeritus of Physics