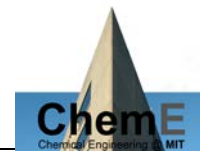


# MIT Chemical Engineering Seminar Series

Fall 2018



Friday, September 7 3:00pm	<b>"Lipid-Like Materials for RNA Delivery: A How-To Guide for Hacking Gene Expression"</b> Kathryn A. Whitehead, Ph.D., Assistant Professor, Departments of Chemical Engineering and Biomedical Engineering, Carnegie Mellon University, Pittsburgh, PA
Friday, September 21 3:00pm	<b>"Metastable Structures as Key Catalytic Sites: A Computational Perspective"</b> Philippe Sautet, Ph.D., Professor, Departments of Chemical and Biomolecular Engineering and Chemistry and Biochemistry, Vice-Chair for Graduate Affairs, University of California, Los Angeles, CA
Friday, September 28 3:00pm	<b>"Engineering Active Sites and Their Environments to Guide Catalytic Molecular Transformations in Sustainable Energy Systems"</b> Matthew Neurock, Shell Professor, Chemical Engineering and Materials Science, University of Minnesota, Minneapolis, MN
Friday, October 19 3:00pm	<b>"Suspended Particles in Elastic Fluids: From Fracking Fluids to Swimming Worms"</b> Eric S.G. Shaqfeh, Ph.D., Lester Levi Carter Professor, Chair of Chemical Engineering, and Professor of Mechanical Engineering, Stanford University, Stanford, CA
Friday, October 26 3:00PM 32-123	<b>"Imaging in Biology and Bio-Medicine"</b> <b>Hoyt C. Hottel Lecture in Chemical Engineering</b> Steven Chu, Ph.D., William R. Kenan, Jr., Professor of Physics and Professor of Molecular and Cellular Physiology, Medical School, Stanford University, Stanford, CA
Friday, November 9 3:00pm	<b>"Extracting Energy from Water: Electricity Generation from Wastewaters, Using Microbial Fuel Cells, and from Natural or Engineered Salinity Gradients"</b> Bruce E. Logan, Ph.D., Evan Pugh University Professor in Engineering, Stan and Flora Kappe Professor of Environmental Engineering, Pennsylvania State University, University Park, PA
Friday, November 16 3:00pm	<b>"Opening the Door to Energy-Efficient Chemical Separations with a Carbon Key"</b> William J. Koros, Ph.D., Roberto Goizueta Chair for Excellence in Chemical Engineering and Georgia Research Alliance Scholar in Membranes, Georgia Institute of Technology, Atlanta, GA
Friday, November 30 3:00pm	<b>"Clinical Translation in Regenerative Medicine&amp;Path to Regenerative Immunology"</b> Jennifer H. Elisseeff, Ph.D., Professor and Director, Translational Tissue Engineering Center, Wilmer Eye Institute and Departments of Biomedical Engineering, Orthopedic Surgery, Chemical and Biological Engineering, and Materials Science and Engineering, Johns Hopkins Univ, Baltimore, MD
December 7 3:00pm	<b>"Building T Cell Immunity with Biomaterials"</b> <b>Daniel I.C. Wang Lecture on the Frontiers of Biotechnology</b> David J. Mooney, Ph.D., Pinkas Family Professor of Bioengineering, School of Engineering and Applied Sciences; Core Faculty Member of the Wyss Institute, Harvard University, Cambridge, MA

**Everyone is invited**

**Seminars will be held in 66-110 unless otherwise noted.**

A reception is held before seminars at 2:45pm.

<https://cheme.mit.edu/news-events/seminar-series/>