

Seminar on
**MODERN OPTICS AND
SPECTROSCOPY**
Spring 2015

- February 24** Laurie J. Butler, University of Chicago
Velocity map imaging: Probing radical intermediates in chemical reactions
- March 3** Rishikesh Pandey, Massachusetts Institute of Technology
Raman Spectroscopy in pathology: Quo vadis?
- March 10** Jason Fleischer, Princeton University
Nonlinear and quantum phase retrieval
- March 17** Gabriela Schlau-Coen, Massachusetts Institute of Technology
Exploring the dynamics of single photosynthetic light-harvesting complexes
- March 24** Mathias Kolle, Massachusetts Institute of Technology
Bioinspiration in optics and photonics
- March 31** Thomas Bischof, Massachusetts Institute of Technology
Understanding excitons and multiexcitons in colloidal nanocrystals
- April 14** Kimani Toussaint, University of Illinois Urbana-Champaign
PROBE @ UIUC: From second-harmonic generation microscopy to plasmonic nanoantennas
- April 21** Xi Ling, Massachusetts Institute of Technology
Lighting up the Raman signal of molecules in the vicinity of Graphene related materials
- April 28** *24th Annual Lord Lecture:*
Paul McEuen, Cornell University
Light and Fast: Probing carriers and vibrations in 1D and 2D materials
- May 5** Patrick H. Vaccaro, Yale University
Optical rotatory dispersion: New twists on and old topic
-

Tuesdays, 12:00 - 1:00 p.m., Grier Room (34-401)

Refreshments served following the seminar

Sponsored by the MIT Laser Biomedical Research Center, the Department of Electrical Engineering and Computer Science, the Department of Chemistry, and the School of Science, MIT.