

Seminar in
Modern Optics and Spectroscopy
Spring 2018

- February 13 **Leora Dresselhaus-Cooper**
Massachusetts Institute of Technology
"Imaging Shock Waves to Study Initiation in Molecular Explosives"
- February 20
at NE47-189 **Katherine (Kallie) Willets**
Temple University
"Super-Resolution Imaging of Nanoscale Electrochemical Phenomena"
- February 27 **Elizabeth M.C. Hillman**
Columbia University
"High-Speed Imaging of Whole-Brain Activity"
- March 6
at NE47-189 **Joerg Bewesdorf**
Yale University
TBA
- March 13
at NE47-189 **Andrew H. Marcus**
University of Oregon
"Spectroscopic Studies of Exciton-Coupled Cyanine
Dimers (Cy3)₂ in Double-Stranded DNA"
- April 3 **Ming Guo**
Massachusetts Institute of Technology
"Biomechanical Imaging of Cell-Matrix Interaction in 3D"
- April 10
at NE47-189 **Daniel A. Heller**
Memorial Sloan Kettering Cancer Center
"Controlling Carbon Nanotube Photoluminescence
for Cancer Research and Diagnosis"
- April 17 **Ishan Barman**
Johns Hopkins University
"Decoding the Molecular Pathology of Cancer
with Vibrational Spectroscopy"

April 24	F. Fleming Crim – University of Wisconsin-Madison 27th Lord Lecture: "Reaction Across the Phases: Using Vibrations to Control Reactivity"
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- May 1 **Stephen R. Leone**
University of California, Berkeley
"Attosecond Dynamics: From Molecules to Semiconductor Solids"
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All seminars held Tuesdays 12-1pm in the Grier Room (34-401) unless otherwise noted

Refreshments served immediately following the seminar