

Seminar on
Modern Optics and Spectroscopy

Spring Semester 2005

- March 8** Mark Johnson, Yale University
Water at work: Using clusters to understand fundamental aspects of aqueous chemistry
- March 15** Kevin Lehmann, Princeton University
Cavity ring-down spectroscopy: From gases to cells
- March 29** Timothy Zwier, Purdue University
Single conformation vibrational spectroscopy and isomerization dynamics
- April 5** Alexander van Oudenaarden, MIT
How does a single cell remember
- April 12** Elizabeth Nolan, MIT
Small molecule fluorescent sensors for imaging zinc in biology
- April 19** Jing Kong, MIT
Orbital spectroscopy and Kondo effect carbon nanotubes
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| April 26 | 14th Annual Richard C. Lord Lecture
Robert Field, MIT
Just small enough |
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- May 3** Hrvoje Petek, University of Pittsburgh
Ultrafast imaging and control of plasma waves in Fermi seas
- May 10** Alice Ting, MIT
Fluorescent reporters of protein trafficking and function

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

Refreshments served following the seminar.

Sponsored by the George R. Harrison Spectroscopy Laboratory,
Department of Electrical Engineering and Computer Science, and School of Science, MIT