Seminar on MODERN OPTICS AND SPECTROSCOPY Fall 2012

September 25	Jerome Mertz, Boston University Quantitative phase microscopy in thin and thick samples
October 2	Joshua Vaughan, Harvard University Super-resolution fluorescence microscopy at the molecular scale
October 9	Frances S. Ligler, Naval Research Laboratory, Washington D.C. Optical biosensors and systems integration
October 16	Kirill Prozument, Massachusetts Institute of Technology Adventures with chirped-pulse millimeter-wave spectroscopy
October 30	6th Annual Dasari Lecture Robert Field, Massachusetts Institute of Technology Molecules behaving badly
November 13	Munira Khalil, University of Washington Towards a molecular description of ultrafast charge transfer reactions in solution
November 20	Mildred Dresselhaus, Massachusetts Institute of Technology My Kavli Award talk in Oslo
November 27 December 4	Patrick Marsac, Merck Research Laboratory, West Point PA Applications of non-linear spectroscopy to pharmaceuticals
December 4	Conor Evans, Wellman Center for Photomedicine, Massachusetts General Hospital Visualizing and treating hypoxic cancer cell populations

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.