

Seminar on  
**MODERN OPTICS AND  
SPECTROSCOPY**  
Fall 2016

---

**October 18** Christy F. Landes, Rice University  
**Single molecule dynamics at soft interfaces:  
from basic science to a \$100,000,000,000 problem**

<b>November 1</b>	<b>10<sup>th</sup> Annual Dasari Lecture</b> Bruce Tromberg, University of California, Irvine <b>Wearable and Bedside Biophotonics: Technologies at the Intersection Between Personalized Medicine and Personal Health</b>
-------------------	--

**November 15** Martin Zanni, University of Wisconsin – Madison  
**TBA**

**November 22** Vadim Backman, Northwestern University  
**Label-free nanoscale optical imaging:  
uncovering a new biological code**

**December 6** Poorya Hosseini, Massachusetts Institute of Technology  
**Developing Cellular Biophysical Markers for Blood Disorders  
with Interferometric Microscopy**

---

**Tuesdays from 12-1pm, 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