

# 43rd Annual Fall Symposium and Business Meeting

Gordon College · 255 Grapevine Road · Wenham, MA 01984 · 978.927.2300  
(<http://www.gordon.edu>)

**Thursday, December 3, 2009**

- 1:00 pm - **Registration**—Presidential Dining Room (Lane Student Center)  
1:15 pm - **Welcome:** Richard Schalek, NESM President
- 1:25 pm  
**Introduction to nonlinear harmonic generation microscopies: CARS, SHG, SRS, FWM and THG Microscopy**  
Speaker: **Dr. Evangelos Gatzogiannis, Center for Nanoscale Systems, Harvard University.**
- 2:10 pm **Spectroscopic imaging of (solvated) radiation-sensitive soft materials in the cryo-STEM**  
Speaker: **Prof. Mathew Libera, Stevens Institute of Technology, NJ**
- 2:55 pm **Project MICRO update**  
Speaker: **Mary McCann, Project Micro Developer, Coordinator for MA**
- 3:10 pm Coffee Break & Project MICRO Demo
- 3:30 pm **In-situ TEM studies of nanowire growth**  
Speaker: **Cheng-Yen Wen, Ph.D., IBM-Yorktown & Purdue University, IN**
- 4:15 pm **Introducing the concept of intracellular ecology: A study of an algal/bacterial mat from a geothermal hot springs in New Mexico**  
Speaker: **Prof. Wayne Fagerberg, Univ. New Hampshire**
- 5:00 pm NESM Annual Business Meeting  
I. Elections  
II. President's and Treasurer's Reports  
III. Introduction of New Officers
- 6:30-7:30 Dinner, with dinner music provided by Gordon College music majors!
- 7:30 pm After Dinner Talk: **Probing the Mechanical Properties of Nanostructures in the TEM**  
Speaker: **Prof. Andrew Minor, UC Berkeley & Lawrence Berkeley Labs, CA**
- 8:30 pm **Closing Remarks:** Richard Schalek, NESM President