

Joint LAS Spring Meeting
"Imaging for Nanotechnology"
Hosted by the Indiana Microscopy Society

Participating Local Affiliate Societies (LAS) of the Microscopy Society of America (MSA)
Central States Microscopy & Microanalysis Society (CSMMS)
Midwest Microscopy & Microanalysis Society (MMMS)
Iowa Microscopy Society (IMS)
Michigan Microscopy and Microanalysis Society (MMMS)

April 20th from 8:00 AM-5:45 PM
Atrium of the Van Nuys Medical Science Building
Indiana University School of Medicine, Indianapolis, IN

8:30 AM Dr. Michael Marko, Wadsworth Center for Labs and Research, Albany, NY
MSA archivist, Program Chair of Microscopy & Microanalysis, 2007
"Techniques for Electron Tomography in Biological and Materials Science"

9:30 AM Dr. William Landis, Department of Microbiology, Immunology and Biochemistry,
Northeastern Ohio Universities (NEOUCOM), Rootstown, OH
"The Mechanism of Mineral Formation in Vertebrates"

10:15 AM Richard Gursky, FEI, Senior Applications Engineer, Hillsboro, OR
"Tomography and Reconstruction using TEM and/or SEM Dual Beam"

2:00 PM Dr. James Pawley, LAS/MSA Tour Speaker, University of Wisconsin, Madison, WI
"Developments in Multi-photon excitation microscopy; techniques for performing 3D fluorescent microscopy with living cells"

4:00 PM Dr. Dale Newbury, National Institute of Science and Technology, Gaithersburg, MD
"New Developments and Old Problems in Energy Dispersive X-ray Spectrometry (EDS): Silicon Drift Detectors (SDD) and Peak Identification Blunders"

An informal Evening Reception / Dinner at 6:30 PM will follow the meeting.

April 21st from 8:00 AM-1:00 PM
Van Nuys Medical Science and R2 Research Buildings

Tours, Demonstrations & Workshops at the Electron Microscopy Center or Indiana Center for Biological Microscopy: High Pressure Freezing, WET SEM-Quantomix, Live Animal Imaging using 2 photon microscopy, Voxx 3D Imaging Software, Spectral Imaging Data Mining and Table Top SEM.

Breakfast and Lunch provided with registration

Registration for both days, \$30.00 for members of any LAS, \$40.00 for non-members

An additional \$20.00 if attending reception/dinner Friday evening

Students can apply for a fellowship worth up to \$50, which would cover their registration and Friday reception/dinner.

Contact: Indiana Microscopy Web site, www.indianamicroscopy.org
Or Caroline Miller, Program Chair, camiller@anatomy.iupui.edu