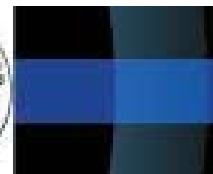


# The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



## Summer, 2006

### SAS ACTIVITIES AT FACSS AND EAS



**EAS 2006**  
Garden State Convention Center  
Somerset, NJ  
November 13-16, 2006

Three SAS Local Sections have assisted with the organization of symposia at the Eastern Analytical Symposium. These include:

#### New York SAS Gold Medal Award Symposium Honoring Ira Levin

- Chris Brown, Filters for Infrared Images
- Neil Lewis, Quantitative NIR from a Different Perspective using Infrared Focal Plane Arrays
- Max Diem, Vibrational Spectroscopic Imaging in Biomedical Systems: From  $\mu\text{g}$  to  $\text{fg}$  Detection
- Kathryn Kalsinsky, IR & Raman Detection of Biological Weapons Or How Ira Influenced My Career
- Curtis Marcott, Rapid IR Microspectroscopy Using an IR Spectrograph Based on a Prism Dispersing Element and an MCT Array Detector
- Bruce Chase, Vibrational Sum Frequency Generation Spectroscopy: A Probe of Molecular Structure at Surfaces
- John Rabolt, From the Benchtop to the Bedside: Can Vibrational Spec. Help Revolutionize Health Care in the 21st Century?
- Richard Mendelsohn, Vibrational Microscopy of Skin: Biochemical & Pharmacological Applications
- Rohit Bhargava, Advances in IR Imaging Making Sense of Speed, Noise, & Vibrations
- Ira Levin, Biomolecular Heterogeneity at the Membrane & Tissue Level Extremes: Vibrational Spec. Using Single Element & Imaging

#### Process Analytical Technologies: A Useful Tool in All Industries, Arranged with Delaware Valley SAS Section

- Troy Fransico, Semi-batch Polymerization Analysis by Multi-point Raman Spectroscopy
- Peter Brush & Huseng Yang, Application of a MEMS based NIR Spectrometer for On-line Monitoring of Powder Blending
- Carl Anderson, Robert Cogdill, & James Drennen, III, Sampling Issues for Pharmaceutical Analysis Control
- Katherine Kleissas & Bruce Thompson, In-line NIR & Qualitative Endpoint Predictions for Fluid Bed Drying

#### Applications of LIBS for Materials & Securities Analysis: The New Frontier, Arranged with the New England SAS Section

- Joda Wormhoudt, LIBS with Microjoule and Millijoule Pulses - How Big a Hammer Do You Want?
- Steven Buckley, On-Line Determination of Gas & Particulate Composition by LIBS
- Martin Richardson, Stand-off LIBS Detection for Security
- Daniel Michaud, Analyzing Slurries by LIBS for Process Control
- Amy Bauer, Spark Induced Breakdown Spectroscopy Analysis as a Trigger for Detection of Hazardous Airborne Biologicals

Details at <http://www.eas.org>

Comments to [newsletter@s-a-s.org](mailto:newsletter@s-a-s.org)



**FACSS 2006**  
33rd FACSS  
Disney's Contemporary Resort  
Lake Buena Vista, FL  
September 24-28, 2006

The SAS National Meeting this year will be held at Disney's Contemporary Resort at Lake Buena Vista, FL. Highlights include:

A Symposium to Honor the Retirement of Peter C. Jurs will be held in the morning of Monday, September 25.

The FACSS Young Investigator Symposia will be held in the morning and afternoon of Monday, September 25.

The Charles Mann Award Symposium honoring Michael Morris will be held the afternoon of Tuesday, September 26.

The Meggers Award Symposium, entitled *New Approaches in Raman Spectroscopy of Turbid Media*, will be held in the morning of Wednesday, September 27.

The *Applied Spectroscopy* William F. Meggers Award for the Outstanding Paper in Volume 59 will be awarded to: Matousek, P.; Clark, I.P.; Draper, E.R.C.; Morris, M.D.; Goodship, A.E.; Everall, N.; Towrie, M.; Finney, W.F.; Parker, A.W.; Subsurface Probing in Diffusely Scattering Media Using Spatially Offset Raman Spectroscopy, Issue 4, 393-400.

The Lester W. Strock Award Symposium honoring Paul Farnsworth will be held in the afternoon of Wednesday, September 27.

Paul B. Farnsworth (Brigham Young University) will be awarded the 2006 Lester W. Strock Award presented by the New England SAS section for outstanding work in ICP-OES and ICP-MS.

Frontiers in Spectrochemistry Honoring Gary Horlick will be held in the morning and afternoon of Thursday, September 28.

Details at <http://facss.org>

#### June Historical Events In Spectroscopy Leopold May, Catholic University



June 12, 1890 Wallace R. Brode, Honorary member of SAS, was born on this date. He did research in emission and other forms of spectroscopy. His textbook, "Chemical Spectroscopy", was first published in 1939. He also served as President of the American Chemical Society.

June 18-22, 1962 First National Meeting of the Society for Applied Spectroscopy, the International Conference on Spectroscopy, 1962, and the Xth Colloquium Spectroscopium Internationale, College Park, MD was held during this