

The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



September, 2007

FACSS 2007 OCTOBER 14 -18, MEMPHIS, TN



The National Meeting of SAS is **FACSS 2007**, to be held at the **Cook Convention Center in Memphis, TN, October 14-18**. The meeting covers the whole of analytical chemistry with an emphasis on spectroscopy.

FACSS Program Highlights

Each day will begin with plenary presentations given by internationally recognized speakers or award recipients.

Ira W. Levin, Deputy Director of the Division of Intramural Research and Chief of the Section on Molecular Biophysics, National Institute of Diabetes and Digestive and Kidney Diseases, NIH, will open the 2007 meeting with a lecture titled "Interdisciplinary Biophotonics: Molecular Domains to Organelles to Organs."

On Tuesday, the plenary lectures will be given by the Anachem Awardee, Isiah M. Warner, Louisiana State University, "An Analytical Chemist with a Focus on Separations Research: Separation of Photons and Separation of Molecules" followed by the Charles Mann Awardee, Neil Everall, ICI, Ltd., "Confocal Raman Microscopy: where are we really looking?"

Plenary speakers on Wednesday include the Applied Spectroscopy William F. Meggers Awardee, Richard Medelsohn, Rutgers University, "Vibrational Spectroscopy, Microscopy and Imaging: Applications to Skin Pharmacology and Biochemistry" and the Coblentz Society Clara Craver Awardee, Katherine A. Bakeev, GlaxoSmithKline, "Increased Process Understanding through Use of in-situ Vibrational Spectroscopy."

The final day of the conference begins with a presentation by the Lester Strock Awardee Detlef Günther, ETH Zurich, "Laser Ablation Inductively Coupled Plasma Spectrometry – ready for take off," presented by the SAS New England Section, followed by a presentation by Bruce Edward Bursten, president elect of the American Chemical Society. Mr. Bursten will be speaking on "The Centrality of Chemistry."

After the daily plenary lectures, there will be eight concurrent sessions composed of poster and oral presentations. Prizes will be awarded daily for outstanding student poster presentations.

Other sessions of interest to SAS members include Process Analytical Monitoring on Monday, sponsored by the SAS Process Analytical Technical Section and Developments in Plasma Spectroscopy sponsored by the SAS Atomic Spectroscopy Technical Section on Wednesday.

FACSS Workshops

Workshops are conducted by leading experts in their respective fields. The FACSS workshop program covers a wide range of topics that spans basic state-of-the-art topics in analytical chemistry and spectroscopy. These include: (SUNDAY) Analytical Raman Spectroscopy; Infrared Spectral Interpretation; Analytical Chemical Imaging; Hands on Raman, Chemical Imaging, and Mass Spectrometry; (MONDAY) Chemometrics in Mass Spectrometry; Professional Analytical Chemists in Industry; Introduction to Supercritical Fluid Chromatography; (TUESDAY) Chemometrics without any Equations; Practical Applications of LCMS for Small Molecules; Terahertz Pulsed Spectroscopy and Imaging; (WEDNESDAY) UV-Visible-Near IR and IR Microspectroscopy for Forensic Science; Attack the Variance: An Introduction to Robust Method Design; Inductively Coupled Plasma - Mass Spectrometry: Introduction; Near Infrared Spectroscopy: Measurement Principles and Interpretation; and Inductively Coupled Plasma - Mass Spectrometry: Advanced Topics.

FACSS Employment Activities

STUDENT/PROFESSIONAL PANEL DISCUSSION: GE Plastics will host an informal student/professional panel discussion with box luncheon Tuesday, October 16, 2007 at 12:30 PM. "I'm Graduating Soon. What's Next?" Students send an email to facss@facss.org if you would like to sign up for this panel discussion. Employers who are interested in participating in the employment panel, please email drew.manica@ge.com

FACSS EMPLOYMENT WEBSITE: Visit the new on-line FACSS employment bureau website!! Create a job seeker account to manage resumes, search employment opportunities and set up personal job alerts. Post your resume online, anonymously if desired, and create a job alert to email new postings directly to your in-box. These services are offered free of charge to all job applicants.

FACSS Exhibits

The instrument exhibit is one of the focal points of FACSS. Ultimately, the realization of the research discussed during FACSS symposia is exhibited at FACSS in the form of modern innovative instrumentation, software, and supplies. The reception for the Exhibition opening, held in the exhibit hall early on Monday evening, is a traditional and outstanding social event. Breaks will be held Tuesday and Wednesday during the poster sessions in the exhibit hall. Exhibitors often choose to announce new technologies and products at FACSS so you will likely find an interesting mix of sales, scientific and engineering expertise among their representatives.

Obituary - Andrew Felix Rekus

Andrew Felix Rekus, SAS Secretary from 1971-1973, died of a heart attack July 26 at his son's Odenton home. The former Homeland resident was 88. Born in Baltimore, he earned a chemistry degree at Loyola College. While attending a St. Alphonsus Roman Catholic Church social event, he met Philomena Balzano. They married in 1944. After the World War II, Mr. Rekus joined Baltimore Gas and Electric and worked in its chemical research department. He was a chemist from 1946 until his retirement in 1986. Survivors include two sons, John F. Rekus and Thomas R. Rekus; a daughter, R. Deborah Brown; and three grandsons. His wife died in 1999.

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