

# The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



## October, 2007

### SAS ELECTIONS

#### President-Elect

Professor Jon Carnahan has been elected President-Elect of SAS. He received his Ph.D. from the University of Cincinnati in 1983 under the direction of Joseph Caruso. Upon receipt of his degree, Jon accepted an assistant professorship at Northern Illinois University, where he remains as Professor and Chair. Jon's research continues in the area of analytical spectroscopy. Under Carnahan's direction, nineteen students have received doctoral degrees and eight have earned master's degrees.

#### Treasurer

Paul Bourassa is currently the director of Manufacturing and Distribution Lifeblood Mid-South Regional Blood Center in Memphis, Tennessee. He holds a B.S. in Chemistry from Illinois Institute of Technology and a Master Award in Supervisory Development from the Midwest Industrial Management Institute. Paul has been a member of SAS since 1969 and has served as President of the SAS Chicago Section and National Tour Speaker Chairman.

#### Governing Board Delegates

Jessica Jarman, Pavel Matousek, Fred LaPlant, Sandra Thompson, and Mary Kate Donais were elected to serve as SAS Governing Board Delegates.

Congratulations to all of our new officers.



**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 Forensic Program

The SAS Forensics Technical Section has scheduled two symposia at FACSS. Mark Witkowski and Duane Mauzey organized "Pharmaceutical Forensics" and Mary Carrabba organized "Molecular Spectroscopy in Forensic Science."

Updated FACSS information is at <http://facss.org>.

#### October Historical Events In Spectroscopy by Leopold May, Catholic University

October 23 This is Mole Day, 6.02 a.m. through 6.02 p.m. (Mole Times); Mole Moment: 50.453 s after 6:42 p.m.

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

### SAS 50TH ANNIVERSARY CELEBRATION AT PITTCON

In 1958, the Society for Applied Spectroscopy (SAS) was formed to advance and disseminate knowledge and information concerning the art and science of spectroscopy. Hence, 2008 marks the 50th anniversary of SAS. As part of the celebration of this event, the Executive Committee of SAS has planned two special symposia at PittCon 2008 with a theme of "50 Years of SAS: Looking to the Future." One symposium will focus on atomic spectroscopy and the other on vibrational spectroscopy. Each symposium will be comprised of speakers who are renowned in their respective fields, with a long history of significant contributions. SAS will have a reception following the symposia for session attendees and SAS members to commemorate the occasion.

#### Atomic Spectroscopy Symposium

Since the first atomic absorption spectrometers were developed by Alan Walsh in 1954, atomic spectroscopy instruments have become routine tools in the analytical laboratory and the techniques are considered mature. However, there is an increasing demand for speed, ease of use, and instrument flexibility. The focus of "50 Years of SAS: Looking to the Future with Atomic Spectroscopy" will be the role of atomic spectroscopy to fulfill expectations and needs of the laboratory in the years to come. Leading researchers in the field have been invited to provide their insight into developments taking place in this field, the evolution of instrumentation, and the impact upon the analytical laboratory.

Invited Speakers include:

- Gary M. Hieftje, Indiana University.
- Paul B. Farnsworth, Brigham Young University.
- M. Bonner Denton, University of Arizona.
- J.A.C. Broekaert, University of Hamburg, Germany.
- James A. Holcombe, University of Texas at Austin.

#### Vibrational Spectroscopy Symposium

This symposium, entitled "50 Years of SAS: Looking to the Future with Vibrational Spectroscopy," will consider basic and applied research in infrared and Raman spectrometry. In addition, major developments in use of these techniques in chemicals, biosciences, medicine, and imaging will be discussed. Of particular note is that the session will include speakers from academia, industry, and government.

Invited Speakers and Topics to be addressed will include:

- Bruce Chase, DuPont, Raman spectrometry applications in industry.
- Peter Griffiths, University of Idaho, infrared spectrometry basic research.
- Ira Levin, NIH, biomedical applications of infrared imaging.
- Curt Marcott, Procter & Gamble, infrared spectrometry, thermal imaging.
- Neil Overall, ICI, infrared spectrometry applications in industry.

