

The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



February 2010

FACSS 2010 – OCTOBER 17-21
RALEIGH CONVENTION CENTER, RALEIGH, NC USA

FACSS and SAS STUDENT AWARDS

The Tomas Hirschfeld and FACSS Student Awards. These awards recognize the most outstanding papers submitted to FACSS by a graduate student. Recipients will receive economy travel to the meeting, complimentary registration, and complimentary hotel accommodations. In order to have their presentation considered for a Tomas Hirschfeld Award or FACSS Student Award, students should submit their abstract using the FACSS [web site submission form](https://facss.org/facss/program_submit.php) (https://facss.org/facss/program_submit.php), indicate on the dropdown menu on the form their interest in the award, complete this form, and submit three sets of the following: a) [application form](https://facss.org/contentmgr/showdetails.php/id/188) (<https://facss.org/contentmgr/showdetails.php/id/188>); b) 250 word abstract of the proposed presentation for the FACSS conference; c) two letters of nomination, one by the student's mentor; d) a resumé; e) graduate transcripts; f) copies of reprints and/or preprints of research done. **Deadline April 30, 2010.**

NEW! Revolutionary RAMAN Spectrometer !
Introducing, for the 1st time ever, an instrument that combines:
**RAMAN Microscopy, RAMAN and
RAMAN OPTICAL ACTIVITY (ROA)** Watch the unveiling at www.btools.com

SAS Student Poster Awards - A competition for SAS students who are presenting authors will be held and recognition for four outstanding posters will be given. The judging will take place on Sunday evening. All SAS students should put up their posters on Sunday evening before the opening mixer as well as on their assigned presentation day. Student SAS members must select the appropriate box on the [on-line paper submission form](https://facss.org/facss/program_submit.php) (https://facss.org/facss/program_submit.php) to ensure they are considered. Student awardees will receive a free 1-year SAS membership and a plaque highlighting their achievement. For more information, please contact the SAS Office either by email: SASOffice@aol.com or by phone: 301-694-8122.

FACSS Student Poster Awards - Prizes will be awarded throughout the week for outstanding student poster presentations.

Highlights of SAS Activities at the Eastern Analytical Symposium, November 16-19, 2009

The New England Section organized a symposium on Art and Forensics Analysis. Speakers in the Symposium included David Exline, Beth Price, Christopher D. Brown, Marco Leona, Edward Bartick, and Heinz Siesler.

Alan Marshall (Florida State University) received the EAS Award for Outstanding Achievements in Mass Spectrometry. Participants in the award symposium included Fred McLafferty, Brian Chait, Pat Limbach, Jonathan Amster, and Peter O'Connor.

SAS Member M. Bonner Denton (University of Arizona) received the EAS Award for Outstanding Achievements in the Fields of Analytical Chemistry. Participants in the award symposium included Bruce Chase, Gary Hieftje, Jonathan Sweedler, Edward Yeung, and Mary Worth.



The SAS New York Section of SAS presented the Gold Medal Award to Dr. Isao Noda (Proctor and Gamble). Participants in the award symposium included SAS President-Elect Curtis Marcott, Bruce Chase, Hai-Lung Dai, and Georgia Arbuckle-Keil.

The American Microchemical Society presented the A. A. Benedetti-Pichler Award to Professor Yong-III Lee (Changwon National University). Participants in the symposium included Joseph Sneddon, Bob Michel, and Steven Soper.

February Historical Events in Spectroscopy by Leopold May, Catholic University

February 11, 1847



Thomas A. Edison, the Inventor with over 1000 patents, was born on this day. Among his inventions was the incandescent lamp.

February 14, 1917



This is the birthday of Herbert A. Hauptman who shared the Nobel Prize with Jerome Karle in 1985 for their outstanding achievements in the development of direct methods for the determination of crystal structures.

February 16, 1955

On this day F. P. Bundy, H. T. Hall, H. M. Strong, and R. H. O. Wentoff announced the synthesis of diamonds at GE Research Laboratories.

February 20, 1844



Ludwig Boltzmann, born on this date, developed the kinetic theory of gases and statistical mechanics and formulated the Stefan-Boltzmann law concerning a relationship between the temperature of a body and the radiation it emits.

February 22, 1956

The United States released \$1 million worth of uranium for peaceful atomic power on this day.

February 26, 1946



This is the birthdate of Ahmed H. Zewail who received the Nobel Prize last year for the pioneering investigation of chemical reactions using femtosecond spectroscopy.

Comments to butcherATemail.wcu.edu