The SAS Spectrum Newsletter
The Newsletter of the Society for Applied Spectrscopy

October, 2006

SAS Tour Speaker Program

The SAS Tour Speaker Program is a very popular event with SAS Local Sessions. It provides an opportunity for local sections to host an internationally recognized spectroscopist. Prof. Joseph Sneddon of McNeese State University, the Chair of the SAS Tour Committee for 2006-2007, has organized the following set of speakers and presentations for 2006-2007:

Dr. Steven Soper
Louisiana State University
a) Single Molecule Detection using Laser-Induced Fluorescence: Applications in Biomedicine
b) Near-IR Fluorescence: Probes, Spectroscopy and Applications in Biology

Dr. Doug Gilman
Louisiana State University
a) Light scattering and fluorescence detection for detection and characterization of individual submicron particles
b) Optically gated vacancy electrophoresis: studies of electroosmosis and enzyme inhibition

Dr. Luis A. Colon
SUNY-Buffalo
a) Putting pressure on HPLC: columns packed with sub 2 µm particles
b) New materials for monolithic columns for liquid chromatography

Dr. Mark M. Merchant
McNeese State University
a) The American Alligator: From Marsh to Medicine
b) Isolation and characterization of antibiotic peptides from Alligators

Dr. Eric Conte
Western Kentucky University
a) Pseudostationary Phases for Solid Phase Extractions

Dr. Barry K. Lavine
Oklahoma State University
a) Genetic Algorithms for Spectral Pattern Recognition
b) Swellable Molecularly Imprinted Polymer Nanospheres for Detection of Emerging Organic Contaminants Using Surface Plasmon Resonance Spectroscopy

Dr. Paul Pantano
University of Texas at Dallas
a) Investigating the Intracellular Fate of Biocompatible SWCNTs
b) The Fabrication and Characterization of a Disposable Microscope Objective Chemical Sensor

Please contact the chair of your local SAS Section to provide suggestions regarding the tour speaker for your local section. If you do not have the contact information on your section chair, please contact the Newsletter Editor at the email address below.

October Historical Events in Spectroscopy
by Leopold May
Catholic University

October 1, 1940 Air Products & Chemicals, Inc. was incorporated on this date.

October 2, 1908 Walter S. Baird, who was an analytical instrument maker and founded Baird Corporation with John Sterner and Harry Kelly, was born on this date. Baird Associates merged with Atomic Instruments, Inc., in 1956 and was renamed Baird Atomic, Inc. In 1978, the name was changed again to Baird Corporation. IMO Industries in bought the company in 1987, and it is now part of Thermo Electron Corporation.

October 7, 1885 This is the birthday of Niels Bohr who proposed the "solar system" model of atom to explain atomic spectra in 1913. He received the Nobel Prize in Physics in 1922 for his services in the investigation of the structure of atoms and of the radiation emanating from them.

October 9, 1879 One hundred and twenty tears ago, Max von Laue "was born on this date. He was a researcher in x-rays and crystal structure and suggested that crystals diffract x-rays In 1912, he received the Nobel Prize in Physics for his discovery of the

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 butcherATemail.wcu.edu