

The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



September, 2005

FACSS 2005: Quebec City, Canada

**THE 32ND FACSS AND 51ST ICASS MEETING: QUEBEC CITY, CANADA
OCTOBER 9 - 13, 2005**

The SAS National Meeting, FACSS XXXII, will be held in Quebec City, Canada October 9-13, 2005. This year, FACSS will join forces with the Canadian Society for Analytical Sciences and Spectroscopy to host the 32nd FACSS/51st ICASS meeting. Complete information is available at the conference website, <http://facss.org>.

PROGRAM

The meeting will kickoff with "Adventures in Chemical Analysis" by Professor Richard Zare of Stanford University. The Thursday plenary "Analytical Instrumentation as a Science Driver: The Case of Mass Spectrometry" will be presented by R. Graham Cooks of Purdue University. Each day will begin with a plenary session by an internationally recognized speaker and/or FACSS award winners. There will be eight concurrent sessions composed of poster and oral presentations throughout the rest of each day. Submitted contributions will be distributed among the spaces available for high profile poster and oral presentations.

SOCIAL EVENTS

The social events include the welcome mixer/Student Poster Session on Sunday evening, the exhibit opening early on Monday evening, dessert receptions during the Tuesday and Wednesday poster session in the exhibit hall, and the Wednesday evening FACSS Gala, which will take place at 6:30 p.m. at the Chapel within the "Musée de l'Amérique Française", the oldest museum in Canada. This museum has its roots in European religious and educational traditions. Located in a building that is part of the Séminaire de Québec site, founded by Bishop Laval in 1663, it is the witness and the herald of a colorful past, worthy of the world's greatest epics.

FACSS EXHIBIT

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. This year dessert receptions will be held Tuesday and Wednesday afternoon during the afternoon poster session in the exhibit hall.

FACSS WORKSHOPS

The FACSS workshop program always covers a wide range of topics of current importance in analytical chemistry. The workshops are given by leading experts, who work hard to present clear, and comprehensive information that is useful for the practicing Analytical Chemist. Students - Be sure to take advantage of the special student rates for workshops.

EMPLOYMENT BUREAU

FACSS provides interview space at the conference venue where prospective employees can meet employers. Prospective employees can "submit a résumé" and employers can "submit a job" by accessing the appropriate menu items on this page. This service is available free of charge to all conferees, including all registrants and exhibitors. Your résumé can be submitted anonymously if you wish. On the first day of the conference the process will be available to provide prospective employees and employers with an interview schedule.

Comments to newsletter@s-a-s.org



Technical Papers of Particular Interest to SAS Members

LESTER STROCK AWARD ADDRESS, WEDNESDAY, OCTOBER 12, 8:00 AM

Rick Russo, Lawrence Berkeley National Laboratory, "Laser Ablation: Atoms to Aerosols"

The Lester W. Strock Award is given by the New England Section of the Society of Applied Spectroscopy in recognition of a selected publication of substantive research in/or application of analytical atomic spectrochemistry in the fields of earth science, life sciences, or stellar and cosmic sciences.

MEGGERS AWARD ADDRESS, WEDNESDAY, OCTOBER 12, 8:30 AM

Hiro-o Hamaguchi, University of Tokyo, "Amazing Vibrational Spectroscopy"

The Applied Spectroscopy William F. Meggers Award is given to the author(s) of the outstanding paper appearing in Applied Spectroscopy.

MEGGERS AWARD SYMPOSIUM, WEDNESDAY, OCTOBER 12, 10:30 AM

Bruce Chase, Focal Plane Array Detectors in Infrared Spectroscopy

Hirotsugu Hiramatsu, Potential of vibrational spectroscopy on protein science

Edwin J. Heilweil, Tetrahertz Spectroscopy, Imaging, and Applications

Ronda Grosse, Analytical Characterization of Silicones and Silicon-Containing Materials

John P. Toscano, Nanosecond Time-Resolved IR Studies of Carbonyl Nitrenes

Terry L. Gustafson, The Direct Detection of an Aryl Azide Excited State: An Ultrafast Study of the Photochemistry of Para and Ortho-Biphenyl Azide

LASER ABLATION FOR ANALYTICAL SAMPLING - LESTER STROCK AWARD

SYMPOSIUM, THURSDAY, OCTOBER 13, 3:30 PM

Annemie Bogaerts, Numerical model for laser ablation and laser-induced plasma formation: Effect of laser parameters, background gas and metal target

Robert Hutchinson, Combination of laser capture microdissection and laser ablation inductively coupled plasma mass spectrometry for local analysis of biological samples

Marc Lamoureux, Determination of some trace metals in particulate matter using LA-ICP-MS

Greg Klunder, Chemical Analysis by Femtosecond Laser Ionization Mass Spectrometry

Rick Russo, Next Generation Laser Ablation