

The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



August, 2005

*Congratulations to Lacey Averett,
New SAS Student Representative*

FACSS PRELIMINARY PROGRAM, QUEBEC CITY, CANADA
OCTOBER 9-13, 2005

Welcome to Lacey Averett

Monday, October 10

Plenary Lecture - Richard N. Zare, Stanford University
Pharmaceutical Applications of Raman Spectroscopy
Carbon Nanotube Separations I & II
Posters - Raman Spectroscopy, Microfluidics, LOC, Biomedical Imaging
Posters - New Instrumentation, Sample Introduction, MS Proteomics
Posters - New MS Technology, Surfaces, Chemometrics, IR Imaging
Posters - Biomedical Spectroscopy and Imaging I, in vitro
Advances in Sample Introduction Near Surface Analysis I
New MS Technology Near Surface Analysis II
General Chemometrics General Process Analytical
Laser Spectroscopy in Nanoscience I
Bioanalytical Measurements using Lab on a Chip Technology
Lippincott Award Symposium Enabling MS for Proteomics
Chemometrics in Process Analytical Technologies
Infrared Imaging Royal Society of Chemistry Symposium
Novel Instrumentation and Applications for Raman Spectroscopy

Tuesday, October 11

Plenary - ANACHEM Award and Charles Mann Award
Posters - Materials, Environmental Chemistry, Fluorescence
Posters - Electrochemistry, Bioanalytical, Sensors, Raman
Raman Laser Spectroscopy in Nanoscience
Biomedical Spectroscopy and Imaging II, Raman and Fluorescence
Chemometrics in Vibrational Spectroscopy Status of ICP-MS
New Ideas in MS I PAT in Pharma Nanomaterials for Photonics
Charles Mann Award Symposium Awardee - Bruce Chase
Probing Local Organization in Biomimetic Bilayer Systems
Biological Applications of Synchrotron Radiation Spectroscopy
Chemometrics in Hyperspectral Imaging
Measurement of Isotope Ratios by ICP-MS
New Ideas in MS II NIR in Process Analytical

Wednesday, October 12

Plenary - Meggers Award and Strock Award
Posters - Food and Pharmaceutical Applications of Spectroscopy
Posters - Raman Microscopy, Molecular Spectroscopy,
Posters - Laser Applications, AES/AAS, IR Applications
Intelligent Applications of Raman Microscopy
Nanotubes and Nanowires for Sensing I
Biomedical Spectroscopy and Imaging III, in vivo
New Frontiers in Laser Spectroscopy
Speciation Analysis with Atomic Spectrometry Detection
Meggers Award
Mass Spectrometry in Drug Discovery I
Multivariate Curve Resolution
Raman Microscopy II
Nanotubes and Nanowires for Sensing II
Early Career Investigators in Bioanalytical Chemistry
Process Analytical Technology in Pharma II
Speciation Analysis with ICPMS Detection
Forensics
Mass Spectrometry in Drug Discover II
Multiway Methods

Thursday, October 13

Plenary - R. Graham Cooks, Purdue University
Posters - SPR/SERS, Laser Ablation and LIBS, NIR Applications/Process Control
Posters - Elemental MS, Separations
Really Useful Applications of Hyperspectral Imaging
Technologies in Defense of the Homelands Kinetic Capillary Electrophoresis I
Enhanced Sample Introduction in ICP Spectrometry SPR I
MS Proteomics I
Laser-Induced Breakdown Spectroscopy



SAS Student Representative

It is a great pleasure to welcome the newest member of the SAS Executive Committee, Ms. Lacey Averett. She received her B.S from the University of Idaho in 2003. She is currently working on her Ph.D. in vibrational spectroscopy at the University of Idaho with Dr. Peter Griffiths.

Her research areas of interest include diffuse reflection mid-infrared spectroscopy, applications, and theory. Most recently, she has been investigating the detection of non-volatile chemical warfare agent simulants using mid-infrared diffuse reflection spectrometry.

In her new role as SAS Student Representative, she would like to get the students more involved in the SAS through various activities at conferences that will allow for more communication and understanding about the field. She would also like to inform the students about what types of jobs are available to them after they achieve their degree. She is committed to keeping student membership fees low to promote student membership. We look forward to working with Lacey in her new position beginning in 2006.

A Spectrum of Applications of Near-Infrared Spectroscopy
Raman and Infrared Spectroscopy of Natural and Synthetic Polymers
Kinetic Capillary Electrophoresis II
Applications of ICP-MS
SPR II
MS Proteomics II
Laser Ablation for Analytical Sampling - Strock Award Symposium
Advances in Near-Infrared Instrumentation

Comments to newsletter@s-a-s.org