

SAS SPECTRUM eNEWS

Join Us for the Following Special SAS Member Events at our 60th Anniversary National Meeting During SciX in Atlanta

- **Sunday, 10/21 at 7:00pm**
SAS Student Poster Competition and SciX Opening Mixer: Marriott Marquis
- **Monday 9:00 AM**
Tribute to the Life and Work of Theodore Rains.
Chair: Connie Hayes
- **Monday 1:30 PM**
SAS PAT Technical Section: PAT in the Biopharmaceutical Industries Session II.
Chairs: Saly Romero-Torres, Dan Hill
- **Monday, 10/22 at 8:00pm**
SAS Student Members Only Event at Braves All Star Grill, downtown Atlanta
- **Tuesday, 10/23**
Special 60th Anniversary Sessions
Marriott Marquis: Past, Present and Future: Celebrating 60 Years of SAS and Spectroscopy Innovations (see details below)
- **Tuesday, 10/23 at 7:00pm**
SAS Awards Ceremony: Marriott Marquis, Imperial A room
- **Tuesday, 10/23 at 8:00pm**
SAS 60th Anniversary Wine and Cheese Celebration with Special Entertainment
Marriott Marquis, Imperial B room

Past, Present and Future: Celebrating 60 Years of SAS and Spectroscopy Innovations

Special SAS symposium for SciX 2018

Tuesday October 23rd, 2018

Atlanta Marriott Marquis, Atlanta, GA

As part of this year's 60th Anniversary of the Society of Applied Spectroscopy we will be hosting two very special SAS sessions at SciX in Atlanta. Organized by Michael Blades, former Editor-in-Chief of Applied Spectroscopy, and Greg Klunder, SAS 2017 President, this is certainly an event that you should not miss. The ten speakers are VIP's in spectroscopy and they will give critical insights in to the history, key driving forces, and future of five specific areas of spectroscopy. The key techniques reviewed will be atomic, fluorescence, FT-IR, LIBS, and Raman spectroscopy. The symposium is made up of two combined sessions back to back on Tuesday afternoon at SciX. For each spectroscopy technique Mike has selected important sages, historical and wise figures, to give perspective talks to highlight the past and critical drivers in their field. Each sage presentation will be followed by a talk from key early career researchers selected by the sages. These early career researchers will highlight exciting new research that they are involved in, and indicate the possible future directions that their highlighted technique might be going towards in the next five to ten years. The authors and talk titles for this very special SAS session are summarized below. Don't miss this unique opportunity to learn what drove the past and what drives the future of five key spectroscopy techniques. There will be plenty of opportunity for questions during the symposium and to network with these important spectroscopy figures afterwards at the SAS 60th Anniversary Cheese and Wine event, where we assure you there will be some surprises and plenty of fun.

Past, Present and Future: Celebrating 60 Years of SAS and Spectroscopy Innovations

Tuesday afternoon, October 23, 2018

Atlanta Marriott Marquis, Atlanta, Georgia

Arranged by Michael Blades and Greg Klunder

LIBS

1. Nicoló Omenetto: "LIBS: Evolutionary and Revolutionary Aspects"
2. Vassilia Zorba: "Novel Laser Ablation Sampling Technologies in Laser Induced Breakdown Spectroscopy (LIBS)"

Atomic Spectroscopy

3. Gary Hieftje: "Perspectives in Analytical Plasma and Atomic Spectrometry"
4. Jake Shelley: "The Molecular Side of Atomic Spectroscopy"

Raman Spectroscopy

5. Pavel Matousek: "Evolution of Raman Spectroscopy – Awakening Giant?"
6. Ishan Barman: "Deciphering Molecular Signatures of the Cancer Cell and its Microenvironment with Raman Spectroscopy"

Infrared Spectroscopy

7. Peter Griffiths: "Is Mid-Infrared Spectroscopy on its Death Bed?"
8. Rohith Reddy: "Biomedical Applications of Infrared Spectroscopy"

Fluorescence Spectroscopy

9. Frank Bright: "Developments in Fluorescence Spectroscopy"
10. Noureen Siraj: "Photophysical properties of Ionic Materials"

Speed Mentoring Event at SciX18!

Again, this year the Coblenz Society in partnership with the Society of Applied Spectroscopy will hold our Speed Mentoring session. It will be held on Monday 12:15–1:30 in Room A602 (get there early for the free lunch available at noon!). Speed Mentoring is a fun, fast-paced session that enables structured interaction with a dozen or more spectroscopists from various industries, academia, and government labs that enable the mentees to get an understanding of what it's like to work in those areas. These interactions can be the basis of an ongoing mentoring relationship session if that is of interest and is a wonderful networking opportunity for job hunting or just getting a better understanding of life as a spectroscopist. Please check the sign up check box on the SciX18 registration form so we have an accurate number for ordering lunches that are provided.

Mentees will have the opportunity to meet chemists from various phases of industry, academia and government labs and discuss career options in those fields and what it is like to work in those environments.

Mentors will have the opportunity to share your work experiences with young analytical chemist eager to learn about career opportunities and the best way to pursue them. It's a great way to share your experiences with the next generation of spectroscopist!



*A picture of the speed mentoring session at 2017 SciX.
(Contributed by Jim Rydzak jim.rydzak@gmail.com)*

You can also register on-line for the Speed Mentoring session at the Coblenz website at members.coblenz.org. Those who register will get a free boxed lunch! Please register for the 2018 Speed Mentoring session!

New York SAS Section Announces October meeting

Date: October 24, 2018

Time: 5:15–8:00 PM

Location: Horiba Scientific, 20 Knightsbridge Road
Piscataway, NJ 08854

Speaker: Christine Sahyoun, Rutgers University

Title: A Comparison of Structural and functional Optical Coherence
Tomography Systems for Assessment of Hard Dental Tissues

More information can be found on www.nysas.org. If you plan to attend, please notify the NYSAS secretary debperu@outlook.com.

Contributed by Howard Mark
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International Conference on Biomedical Engineering (ICBE 2018)

The first edition of the International Conference on Biomedical Engineering (ICBE 2018) under the theme, "Biomedical Imaging: Techniques and Innovations", will be held in the Red City of Morocco, Marrakech, on October 5–6, 2018. This conference is organized by the Moroccan Society for Biomedical Engineering and will regroup biomedical students, researchers and professionals from both academia and industry in order to discuss the latest research outcomes, create networking and employment opportunities and learn about the emerging technologies that will influence future advances in biomedical engineering field. We encourage submitters to prepare an article in all topics (nuclear medicine, data and signal analysis, instrumentation, devices and imaging, miscellaneous) during the conference. Papers of particular merit will be published in a special issue of Biomedical spectroscopy and Imaging Journal.

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