

SAS SPECTRUM eNEWS

SAS-Sponsored Symposium on Handheld Spectrometers at Pittcon

The perennially successful session on handheld spectroscopy and spectrometers was chaired by Richard Crocombe and Mark Druy on Thursday morning. This year there were about 60 attendees with a wide range of interests. Featured topics in the session ranged from vibrational spectroscopy and LIBS to mass spectrometry. The themes included the unique technological requirements in algorithms for handheld analyzers, theoretical performance, and actual hardware implementations, from both established and upcoming technologies. The symposium also featured a description of a new microfluidic sample modulation technique, used in conjunction with quantum cascade lasers. This session foreshadows the upcoming portable spectroscopy special issue of Applied Spectroscopy.



Pictured from left to right: Richard Crocombe (organizer, Perkin Elmer), Michael Hargreaves (Thermo Fisher Scientific), Mark Druy (organizer, Galvanic Applied Systems), Chris Brown (908 Devices), Katherine Bakeev (B&W Technologies), Amy Jo Ray Bauer (TSI, Inc.) and Don Kuehl (Red Shift Systems).

SAS Highlights from Pittcon 2016

SAS had a powerful presence at Pittcon. The impressive work of many SAS members can be found throughout this year's Pittcon Technical Program, for example:

- W.E. Moerner's Wallace H. Coulter Lecture
- At least ten Oral Sessions were organized by SAS members, including Awards sessions. This year the SAS-sponsored session on Handheld Spectrometers, organized by Richard Crocombe and Mark Druy, attracted an audience of ~60+ on Thursday morning!
- Dozens of speakers and poster presenters were SAS members.
- SAS Member Heinz Siesler taught two important Short Courses at Pittcon.





Well-known SAS sponsors and entrepreneurial members were also well represented among Exhibitors. SAS member and BioTools, Inc. founder Rina Dukor, for example, visited the SAS booth and reported that she was enjoying a great conference.

The SAS booth served as a member networking place on the Exhibit floor. All of the booth activity attracted 35 new members for SAS! Immense thanks to the dedicated efforts of Fred Haibach, Bill Cunningham, Ingeborg Iping Petterson, Bonnie Saylor, and Stephanie Iocco to staff the booth, and to Mike Carrabba for sponsoring students who joined SAS at Pittcon!

The SAS Student event at Pittcon was also a rousing success. This was the first event organized by our new student representative, David Bryce of the University of Utah!

Along with hosting a great conference, the Spectroscopy Society of Pittsburgh (SSP) Chairman, Joseph Grabowski, and longtime Pittcon connection for

SAS, John Jackovitz, presented a generous donation check to SAS on behalf of the SSP. The check was accepted by Diane Parry, standing in for SAS President, Ellen Miseo.

Pittcon's 2017 team has agreed to have SAS organize two sessions for next year.

Thank you, SSP, and congratulations on another great conference!

SAS Student Event at Pittcon

Our new Student Representative, David Bryce, organized this year's Pittcon Student Event on Sunday at Sidebar. Sidebar is a quaint neighborhood bar on a small side street in the Atlanta downtown. With about 20 students in attendance and some other SAS members, students had a great time networking and enjoying refreshments provided by the Society.

Contributed by David Bryce



University at Buffalo Student Section Reports on "Meet the Speaker" with Volker Deckert

On February 13, 2016, the SAS Student Section at the University at Buffalo (UB) hosted a "Meet the Speaker" dinner with SAS Fellow Dr. Volker Deckert. The dinner was held at Duff's Wings, a local favorite famous for their hot wings. Students from across the UB Chemistry Department were invited to enjoy food and drinks, chat with Dr. Deckert in a casual setting and learn about the Society. The more adventurous in the group even sampled the infamous Duff's "Death" hot-wings, definitely a bonding experience. Overall, the event was a great success and helped spread the word about the newly formed UB student section!

Contributed by Sidney Coombs sgcoombs@buffalo.edu

SAS and Coblenz are Currently Seeking Nominations for Awards in 2017

Submission deadline for the following SAS awards is April 30, 2016:

SAS Barbara Stull Graduate Student Award

This award is given to a graduate student(s) in honor of longtime SAS employee Barbara Stull in recognition of outstanding research in the area of spectroscopy. Any full-time graduate student doing research in the field of spectroscopy shall be eligible for the award. Nomination material should include at least one letter of recommendation along with supporting documentation on research, a current CV, and short bio.

SAS Undergraduate Student Award

These awards are given to up to five junior or senior undergraduate students in recognition of outstanding research in the area of spectroscopy. Any full-time undergraduate student doing research in the field of spectroscopy shall be eligible for the award. The student's research advisor must be an SAS member in good standing to be eligible for the award. Nomination material should include at least one letter of recommendation along with supporting documentation on research, a current CV, and short bio.

SAS Poehlman Award

This award is granted to the Regional Section of the Society, which has contributed the most towards accomplishing the goals and ideals of the Society during the preceding year. It consists of a certificate and an honorarium of \$750.00. Regional Sections must provide a nomination packet that includes information on local section activities and a letter outlining why they feel they are deserving of the award.

Please send all SAS nominations to the SAS Executive Director, Bonnie Saylor (exdir@s-a-s.org). For more information on other SAS awards and a list of previous winners, please visit the [SAS website](#) and click on "Members" and "Awards" or [click here](#).

Coblentz Student Awards in Vibrational Spectroscopy

The Coblentz Society is seeking nominations of outstanding students pursuing studies in vibrational spectroscopy for the 2016 Coblentz Student Awards. The awardees receive a copy of the Society's Desk Book, a certificate, and a year's membership in the Society. The leading students will also qualify for consideration for the Fateley award that includes an oral presentation at SciX 2016 and a prize of \$1000. Nominations must be submitted by email before April 22, 2016 to the chair of the Student Affairs Committee, Professor Christian Pellerin, at c.pellerin@umontreal.ca.

For further details please visit the [Coblentz Website](#).

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