

SAS SPECTRUM eNEWS

Speed Mentoring Event at 2015 SciX

The Coblenz Society and Society for Applied Spectroscopy are hosting a mentoring event at SciX 2015 based on the success of last-year's Mentoring Event. This will be a fun, fast-paced event where you can interact one-on-one with other scientists, potentially form a mentor/mentee relationship and expand your professional network. Registration is free, and will include a boxed lunch.

The event will be held on Monday, September 28, between 12:00 and 1:30 PM. Registration is required. Please visit <http://members.coblentz.org/event-2020679> to register. For questions or ideas please email: mentoring@coblentz.org

Contributed by Ingeborg Iping Pettersen and Jim Rydzak

Join us for the many SAS Sponsored Events at our National Meeting SciX in Providence Rhode Island

(Visit the [SciX](#) and [SAS](#) websites for more details on events)

Sunday, Sep 27th	SAS Annual Member Event at Union Station Brewery (R.S.V.P. to sasadmin@s-a-s.org)	11:00 a.m.
	SAS/FACSS Student Poster Competition Ballroom A in the Convention Center	7:15 pm
Monday, Sep 28th	SAS/Coblentz Speed Mentoring Event Rm TBA	1:30 p.m.
	SAS Student Member Event at Gpub	8:00 p.m.
Tuesday, Sep 29th	SAS Governing Board Meeting Rm 557 in the Convention Center	4:00 p.m.
	SAS Wine and Cheese Awards Reception Ballroom A in the Convention Center	7:30 p.m.
SAS Sponsored Sessions		
Monday, Sep 28th	CHEMO01: Beyond PCA and PLS: New Frontiers in Chemometrics, Rm 551	9:15 a.m.
	Women in Spectroscopy organized by Ingeborg Iping Pettersen, Ballroom E	1:20–3:00 p.m.
Tuesday, Sep 29th	Advocating for Women in Science, Rm 552A	1:20–3:00 p.m.
	World Poverty "Analytical Chemists Easing World Poverty," Rm 551B	3:50–5:30 p.m.
	Kowalski Symposium "Kowalski Award Honoring Thomas Bocklitz: Chemometrics for Spectroscopy/Spectrometric Data" Rm 554A/B	3:50–5:30 p.m.
Wednesday, Sep 30th	Strock Symposium "Lester Strock Award Symposium Honoring R. Kenneth Marcus," Rm 554A/B	9:15–10:55 a.m.
	Meggers Symposium "Meggers Award Symposium Honoring Dr. Eric Brauns," Rm 554A/B	1:20–3:00 p.m.

SAS Annual Member Event — SciX 2015
Sunday, September 27, 2015
12:00–4:00 pm
Providence, RI

Come join us for lunch at the Union Station Brewery and a scenic boat tour along the Providence River!

Free for SAS Members
Contact the SAS Office at 301-694-8122 or sasadmin@s-a-s.org to save your spot!



Providence by Boat



Union Station Brewery — the best stop in Providence for lunch and local craft beer. A gem in the heart of Providence's downtown district, this former train station-turned-brewery is the perfect change of pace.

SAS Post-Doc Profile:
Ingeborg Iping Petterson, PhD

Hobbies: Running, reading, and riding motorcycles.

Academic Background: Ingeborg completed her Bachelor of Science degree with a major in Environmental Chemistry at the Catholic University of America (Washington, DC). She participated in an independent research project with a faculty member and was accepted to NSF REU program (Research Experience for Undergraduates) in the summer before her senior year. This gave her the opportunity to work in the Department of Civil Engineering and Environmental Science at the University of Oklahoma on a project related to bioremediation of acid mine drainage.



The experience was positive and encouraged her to pursue graduate school; she completed a Master of Science degree in Biological Sciences at the University of Amsterdam (Amsterdam, Netherlands). This program combined academic coursework with field courses in Ecuador and this led her into an internship role with a local NGO (Non-Governmental Organization) as a surveyor. From there, she was hired by a sustainable wastewater treatment company to work as their chemist and Spanish-English translator. This opportunity allowed Ingeborg to travel to rural sites in Ecuador for the purpose of sampling and inspecting system integrity, and also prompted interactions with local people in municipal meetings.

While she had done some spectroscopy during her academic degrees, her career in the field officially began when she started a PhD position at Vrije Universiteit Amsterdam (Amsterdam, Netherlands). Her research transitioned from field research to working in a laser lab. The topic of her dissertation was applying deeply penetrating Raman spectroscopy techniques (Time Resolved and Spatially Offset Raman Spectroscopy) to study a variety of non-transparent samples, with applications to the detection of concealed explosives, for the study of geological samples, and in heterogeneous catalysis.

During her doctoral work, Ingeborg also had the opportunity to do a summer research visit with the group of Professor Mike Morris (SAS Fellow) at the University of Michigan (Ann Arbor, Michigan). That was a great opportunity for her that came about via casual discussions at SciX, with a percentage of travel funding originating from a travel grant from the Netherlands Organization for Scientific Research. Being exposed to work in other research groups taught her to be productive in different environments, especially when working with people from different research backgrounds. This experience is something she recommends to students who may be considering similar opportunities.

Since 2013, Ingeborg has been a postdoc at the University of Exeter (Exeter, UK). She worked in the Biomedical Spectroscopy Laboratory led by Professor Nick Stone (SAS Fellow) within the Biomedical Physics group. Her research is in developing minimally invasive Raman spectroscopy-based medical probes for the diagnosis of lymphoma.

SAS History: Ingeborg joined the SAS on the suggestion of her PhD supervisor (Freek Ariese, SAS Member) prior to attending SciX for the first time in 2011 (Reno, Nevada). She attended the members-only event that year which was a boat trip on Lake Tahoe. She met lots of people and overall had a great time, leaving her with a positive impression of the SAS. Later that evening, Ingeborg won the poster prize in the SAS student poster session. This was an exciting award for her at the time, until she learned the "prize" was the opportunity to present an oral presentation of the poster material later in the week. Her presentation turned out fine—despite worries being an inexperienced first-year PhD student—and looking back, she is grateful she was given the opportunity; "it gave me a lot of confidence in my presentation skills. Since then, anytime I give a presentation I realize I once faced the worst-case scenario, so everything else will be a piece of cake."

Ingeborg has since attended many SAS events at the SciX conference, having attended SciX 2012 (Kansas City, MO), SciX 2013 (Milwaukee, WI) and SciX 2014 (Reno, NV). She has made great professional contacts and participated in numerous discussions, both in person and via on-line forums. One such forum has been the Women in Spectroscopy LinkedIn group, which is not exclusive to SAS members but is run by Ellen Miseo (2015 SAS president elect). Her activity in this forum placed her in a leadership role to co-organize the first "Women in Analytical Sciences" conference session at SciX 2013. Ingeborg says, "the session started with an idea thrown around at the SciX student event the previous year, and I was thrilled when the SAS governing board took our idea seriously and helped make it a reality."

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In the past year or so, Ingeborg has become more involved in the organization of SAS by serving on the Membership Committee. This position turned out to be a stepping-stone as she was recently appointed the chairperson of the committee in 2015.

To all current and future SAS student members, Ingeborg advises to "use the SAS network to your advantage. Seek out other members who do interesting research, and approach them about collaboration or a visit to their lab."

We also want to congratulate her as well for landing a position as a chemistry instructor at Goucher College, a liberal arts school in Baltimore, Maryland. We would like to thank Ingeborg for supporting the SAS community, and wish her all the best in her role with SAS governance and in her career.

Contributed by Chad Atkins
SAS Student Representative

Applied Spectroscopy to Publish with SAGE Publications Ltd. in 2016

Over the past decade, the Journal has been confronted with some significant challenges, most of which have been dictated by market forces and the changes that on-line access has brought to the business of scholarly publishing. To better adapt to these challenges, *Applied Spectroscopy* and the Society for Applied Spectroscopy will be partnering with SAGE Publications Limited (sagepub.com) commencing with the journal's milestone 70th volume in January 2016.

The Society believes that SAGE is the *right* publishing partner for *Applied Spectroscopy*. SAGE has 1,500 employees globally and operates principal offices in Los Angeles, London, New Delhi, Singapore, and Washington, D.C. SAGE publishes more than 850 journals and over 800 books and reference works a year in business, humanities, social sciences, science, technology and medicine. They are also currently developing online tools and resources such as SAGE Video and SAGE Edge.

For the Society and its members and the authors and readers of *Applied Spectroscopy*, the benefits of moving from our current partners to SAGE are important and timely. The most important of these are:

- SAGE will consolidate manuscript submission, tracking, and production services, as well as the journal hosting and marketing services under one roof.
- SAGE uses the Scholar One™ system for manuscript submission and tracking and the "HighWire" platform for on-line publication. These platforms will significantly improve the quality of services for our authors, editors, reviewers, and readers of *Applied Spectroscopy*
- For our authors, faster production times mean less time from manuscript acceptance to online publication of the manuscript.
- Online readers will be able to access the journal through the Society for Applied Spectroscopy website to the SAGE journal platform seamlessly. The "Online First" feature will allow accepted manuscripts to be on the web within a month of being accepted.
- As the largest independent academic publisher in the world, SAGE's extensive experience means better and faster ways to develop and improve the journal without compromising our editorial integrity and independence.

The Journal editorial team and the Society are excited by the opportunities that the partnership with SAGE will provide, both for ourselves as well as our authors, subscribers, readers, and advertisers.

Welcome to our 70th year.