

ASMS Environmental Applications Working Group – Workshop Report 2018

This year's workshop was attended by approximately 100 scientists, and focused on New Trends in Sampling and Separations. Lee Ferguson, from Duke University was announced as the incoming co-chair to replace Achille Capiello starting June 30, 2018.

Each of our three invited discussion leaders gave a 10-15-minute informal synopsis, followed by lively questions and discussion. Their topics were: "Direct hyphenation of SPME with MS for on-side determinations" (Janusz Pawliszyn, University of Waterloo, Canada), "Advances and challenges in sample preparation for the analysis of veterinary drug residues" (Sherri Turnipseed, US Food and Drug Administration), and "How can chromatography improve analyte mass spectrometric identification and quantification" (Gerard Hopfgartner, University of Geneva, Switzerland). Janusz Pawliszyn examined the potential of direct sampling techniques focusing on Solid Phase Micro Extraction in particular. Sherri Turnipseed explored different new sampling techniques for environmental analysis. Gerard Hopfgartner showed the advantages of micro-LC and gave the audience a few practical advices.

We also reminded the attendants to subscribe to the interest groups (via ASMS webpage) and how to get involved in the forums.

Following the workshop, approximately 30 attendees continued lively discussions at our annual working group dinner at a nearby restaurant.

In September we will survey the Environmental Applications interest group members for format and topic suggestions for next year. We might change the general format of the workshop to include more live discussions between the attendants. If you have any suggestions for next years' workshop, either topics or speakers please send them to either to Imma Ferrer (imma.ferrer@colorado.edu), Andrew Ottens (andrew.ottens@vcuhealth.org) and Lee Ferguson (lee.ferguson@duke.edu).

Sincerely,

Achille Capiello, Imma Ferrer, and Andrew Ottens

Co-Chairs, ASMS Environmental Applications Interest Group
