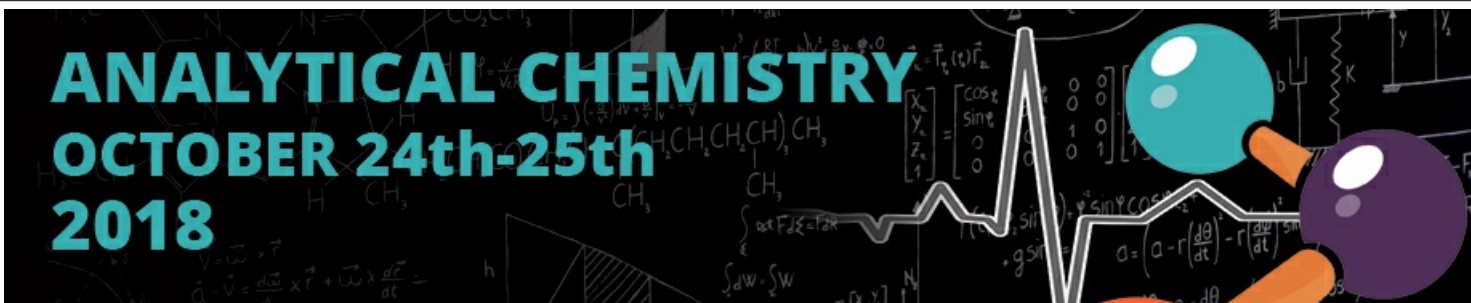


# ANALYTICAL CHEMISTRY

## OCTOBER 24th-25th

### 2018



| Date   | Time                      | Track                        | Presentation Title  | Speaker  |
|--------|---------------------------|------------------------------|---|--|
| 24-Oct | 06:00<br>-<br>07:00<br>AM | Imaging Applications         | Applied Hyperspectral Imaging Fundamentals and Case Studies   | Giuseppe Bonifazi, PhD<br>Full Professor, University of Rome "La Sapienza"   |
| 24-Oct | 07:30<br>-<br>08:30<br>AM | Mass Spectrometry            | Keynote Presentation: Mass Spectrometry Approaches for the the Single Cell Chemical Characterization of the Brain                     | Jonathan Sweedler, PhD<br>Director, School of Chemical Sciences, University of Illinois at Urbana-Champaign  |
| 24-Oct | 09:00<br>-<br>10:00<br>AM | Imaging Applications         | Keynote Presentation: Solid Phase Microextraction: New Developments in Bioanalysis and Medical Applications                           | Barbara Bojko, PhD<br>Associate Professor, Department of Pharmacodynamics and Molecular Pharmacology, Faculty of Pharmacy, Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń<br>Janusz Pawliszyn, PhD, FCIC, FRSC<br>University Professor, University of Waterloo & Canada Research Chair and NSERC Industrial Research Chair, New Analytical Methods and Technologies |
| 24-Oct | 10:30<br>-<br>11:30<br>AM | Chemical Sensors & Detectors | Chemometric Methods for Analysis of 2D 1H-13C Methyl NMR Spectra of Monoclonal Antibodies for Higher Order Structure Characterization | Luke Arbogast, PhD<br>Research Chemist, Macromolecular Structure and Function Group, National Institute of Standards and Technology (NIST)   |
| 24-Oct | 12:00<br>-<br>01:00<br>PM | Mass Spectrometry            | Ion Mobility-Mass Spectrometry in the -Omics  | Christopher Chouinard, PhD<br>Assistant Professor of Chemistry, Department of Biomedical and Chemical Engineering and Sciences (BCES), Florida Institute of Technology   |
| 24-Oct | 01:30<br>-<br>02:30<br>PM | FT-IR                        | Accessories and Techniques for FT-IR Sample Analysis  | Richard Larsen, PhD<br>Senior Product Specialist, Anton Paar USA   |

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|--------|---------------------------|------------------------------|---|--|
| 25-Oct | 07:30<br>-<br>08:30<br>AM | Biomarkers                   | Analytical Approaches to Advance Alzheimer's Disease Research   | Rena Robinson, PhD<br>Associate Professor of Chemistry, Vanderbilt University  |
| 25-Oct | 09:00<br>-<br>10:00<br>AM | Mass Spectrometry            | Advances in Hydrogen-Deuterium Exchange Mass Spectrometry That Can Improve Studies of Biosimilars and Membrane Protein Drug Targets | Jeffrey Hudgens, PhD<br>Research Chemist, IBBR Fellow, Institute for Bioscience and Biotechnology Research, BioProcess Measurements Group, Biomolecular Measurement Division, National Institute of Standards and Tech |
| 25-Oct | 10:30<br>-<br>11:30<br>AM | Chemical Sensors & Detectors | Trash or Treasure: Optimizing Titration Electrodes and Consumables  | Jessica McVay<br>Technical Support Specialist, Metrohm<br>Lori Spafford<br>Product Manager for Titration, Metrohm  |
| 25-Oct | 12:00<br>-<br>01:00<br>PM | Chemical Sensors & Detectors | Through the Looking Glass, and What Amino Acids Found There   | Kirsty Penkman, PhD<br>Reader in Analytical Chemistry, Chair of Chemistry Graduate School, Department of Chemistry, University of York   |