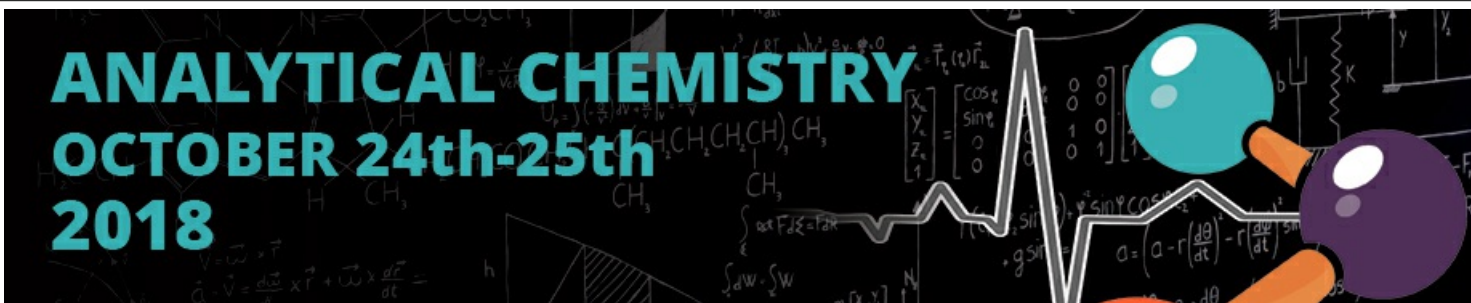


ANALYTICAL CHEMISTRY

OCTOBER 24th-25th

2018



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

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