Date	Time PDT	Track	Presentation Title	Speaker
24-Oct	7:30-8:30 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	9:00-10:00 AM	Imaging Applications	Keynote Presentation: Solid Phase Microextraction: New Developments in Bioanalysis and Medical Applications	Barbara Bojko, PhD University Professor, Canada Research Chair, Department of Chemistry, University of Waterloo Janusz Pawliszyn, PhD University Professor, Canada Research Chair, Department of Chemistry, University of Waterloo
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	12:00-1:00 PM		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	1:30-2:30 PM	FT-IR	Accessories and Techniques for FT-IR Sample Analysis	Richard Larsen, PhD Senior Product Specialist, Anton Paar USA
25-Oct	9:00-10:00 AM	Biomarkers	Analytical Approaches to Advance Alzheimer's Disease Research	Rena Robinson, PhD Associate Professor of Chemistry, Vanderbilt University
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	12:00-1:00 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
25-Oct	1:30-2:30 PM	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