

# Solving the Unsolved in Mass Spec

Agilent innovation and collaboration for today's lab



Date	Time	Track	Presentation Title	Speaker
10-Nov	08:00 - 08:40 AM		Recent Developments in Ion Mobility - Mass Spectrometry: Enabling Structural and Isomeric Separation for Large and Small Molecules	John Fjeldsted, PhD Senior Director for Intellectual Property & Ion Mobility, Agilent
10-Nov	08:45 - 09:25 AM		Technological Innovations to Speed Protein Characterization	Harsha Gunawardena, PhD Janssen Research & Development, Johnson & Johnson
10-Nov	09:30 - 10:20 AM		Developing multidimensional Skyline spectral libraries for rapid lipid analysis	Kaylie Kirkwood NC State University Graduate Student, Baker Lab - Department of Chemistry, NC State University
10-Nov	10:30 - 11:10 AM		Characterization and quantification of synthetic oligonucleotides using HRAM and QQQ	Peter Rye, PhD LCMS Applications Scientist, Agilent
10-Nov	11:15 - 12:05 PM		Electron fragmentation-based workflows for characterizing proteoforms with Agilent Q-ToFs	Joseph S. Beckman, PhD CEO of e-MSion, Inc., e-MSion Inc. Rebecca Glaskin, PhD LC/MS Application Scientist, Agilent Cody Schwarzer Field System Specialist, Agilent
10-Nov	12:15 - 12:55 PM		Native MS and IM-MS Analyses of Large Proteins and Protein Complexes	Christopher Mallis Pursuing his Ph.D. in Chemistry under the direction of Prof. David. H. Russell, Texas A&M University
10-Nov	01:00 - 01:40 PM		High Throughput Native MS With Robust Ion Source Operation For The Analysis Of Proteins And Protein Complexes	Caroline S. Chu, PhD LC/MS Application Scientist, Agilent

10-Nov	01:45 - 02:25 PM		Exploring Agilent Software for Machine Learning and Classification with High Resolution Liquid Chromatography Mass Spectrometry Data and Experimental Design Ideas to Maximize Success	Dan Cuthbertson, PhD Field Application Scientist, Agilent Karen Yannell. PhD LC/MS Application Engineer, Agilent
10-Nov	02:30 - 03:10 PM		Characterization of MassTech AP MALDI Source with Agilent 6545 QTOF and 6560 IM-QTOF for MS Imaging	Vladimir M. Doroshenko, PhD Chief Executive Officer, MassTech Inc. Eugene Moskovets, PhD Principal Scientist, MassTech Inc. Richard Lee Head of Marketing and Business Development, MassTech Inc.
11-Nov	08:00 - 08:35 AM		Advanced Algorithms for the Discovery of Related Components and Application to PFAS and Fentanyl Research.	Jim Lau HRAMS LC/MS Application Engineer, Agilent
11-Nov	08:45 - 09:45 AM		A Comprehensive Approach to Targeted and Untargeted Screening Methodology for Emerging Synthetic Fentanyl Analogues using High Resolution Accurate Mass Spectrometry	Dr. Julie Cichelli Agilent LC/MS applications Scientist, Agilent
11-Nov	09:45 - 10:25 AM		Cannabis Safety - Trace Analysis of Pesticides & Mycotoxins via LC/QQQ in Cannabis Flower and Concentrates	Pete Stone Senior LC/MS Applications Scientist, Agilent
11-Nov	10:30 - 10:55 AM		Sensitive techniques for targeted PFAS Analysis in water	Emily Parry, PhD LC/MS Applications Scientist, Agilent Technologies
11-Nov	11:00 - 11:40 AM		Utilizing a Multiplexed MRM Panel for In Vitro and In Vivo Monitoring of Lysosomal Dysfunction in the CNS	Paul Auger Senior Scientist in the DMPK Department, Denali Therapeutics
11-Nov	11:45 - 12:25 PM		Robust and Reproducible Protein Quantification in Plasma using Evosep One and Agilent 6495 LC/TQ	Linfeng Wu, PhD LC/MS Application Scientist, Agilent
11-Nov	12:30 - 01:30 PM		Increasing MS Productivity: A "Self-Driving" Mass Spectrometer Designed for Non-MS Experts	Patrick Cronan LC Applications Scientist, Agilent

11-Nov	01:30 - 02:20 PM		Absolute and Relative Quantitation for Targeted Metabolomics and Lipidomics	Sheher Banu Mohsin, PhD Senior Applications Scientist, Agilent
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