



Meet **Minneapolis**
City by Nature

CONVENTION ALERT

2022 American Society for Mass Spectrometry, 70th Annual Meeting June 5 – 9, 2022

- Estimated Attendance:** 6,500
- Location:** Minneapolis Convention Center
- Major Arrival:** Sunday, June 5
- Major Departure:** Thursday, June 9
- Convention Hotel(s):** Doubletree Suites, Hilton Garden Inn, Hilton Minneapolis, Hyatt Place, Hyatt Regency, Marriott City Center, Residence Inn, Westin, W Hotel.
- MM Services Contact:** Madonna Carr (612.767.8180)
- Attendee Profile**
The American Society for Mass Spectrometry (ASMS) was formed in 1969 to promote and disseminate knowledge of mass spectrometry and allied topics. Membership includes over 8,500 scientists involved in research and development. Members come from academic, industrial and governmental laboratories. Their interests include advancement of techniques and instrumentation in mass spectrometry, as well as fundamental research in chemistry, geology, forensics, biological sciences and physics.
- Restaurant Booth Hours:**
- | <u>Day</u> | <u>Date</u> | <u>Hours</u> |
|------------|-------------|--------------|
| Sunday | June 5 | 10am – 6pm |
| Monday | June 6 | 10am – 6pm |
| Tuesday | June 7 | 10am – 6pm |
| Wednesday | June 8 | 10am – 6pm |
- Transportation Provided:** Airport (arrivals/departures): No
Hotels to Convention Center: No
- Special Notes:** Enjoy nightlife, dining and shopping and experience the beer scene.
- Convention Schedule:** Attached

Conference Program

All activities will be held in the Minneapolis Convention Center unless noted.

Saturday, June 4, 2022

9:00 am - 5:00 pm Short Courses

2:00 - 5:00 pm Conference Registration

Sunday, June 5, 2022

9:00 am - 5:00 pm Short Courses

10:00 am - 8:00 pm Conference Registration

5:00 - 6:30 pm Parallel Tutorial Sessions

6:45 - 7:45 pm Opening Session: Plenary Lecture, Julia Laskin, presiding

7:45 - 9:00 pm Welcome Reception in the Exhibit Hall

Monday, June 6, 2022

8:30 - 10:30 am Oral Sessions (in Parallel)

- MOA am: Post-translational Modifications: Qualitative & Quantitative Analysis, Hall A
- MOB am: Instrumentation: High-Resolution Mass Spectrometry, Room L100
- MOC am: Clinical Analysis: Applications, Ballroom A
- MOD am: Informatics: Multiomics Integration and Applications, Ballroom B
- MOE am: Fundamentals: Formation and Structures of Big Ions, Auditorium
- MOF am: Ion Mobility: Structure Determination & Applications, Room 101
- MOG am: H/D Exchange: Innovations and Applications, Room 102
- MOH am: Plants and Natural Products, Room 103

10:30 am - 2:30 pm Poster Session, Exhibits, Lunch Break

Odd-numbered poster boards present 10:30 - 11:30 am PLUS 12:30 - 2:30 pm

Even-numbered poster boards present 10:30 am - 12:30 pm PLUS 1:30 - 2:30 pm

2:30 - 4:30 pm Oral Sessions (in Parallel)

- MOA pm: Biomarkers: Quantitative Analysis, Hall A
- MOB pm: Instrumentation: New Developments in Ionization and Sampling, Room L100
- MOC pm: Drug Metabolism and Pharmacokinetics, Ballroom A
- MOD pm: Informatics: Peptide and Protein Identification, Proteomics, Ballroom B
- MOE pm: Fundamentals of Ionization, Auditorium
- MOF pm: Brain and Neurodegenerative Disease Research (In Memory of Sanford 'Sandy' P. Markey), Room 101
- MOG pm: Exposomics, Toxicology, and Health Outcomes, Room 102
- MOH pm: Environmental: Non-Target Analysis and Emerging Contaminants, Room 103

4:45 - 5:30 pm Plenary: Presentation of [AI Yergey MS Scientist Awards](#) and Award Lecture for [John B. Fenn Distinguished Contribution in Mass Spectrometry Award](#)

5:45 - 7:00 pm [Monday Evening Workshops](#) (hosted by ASMS Interest Groups or Independent organizers)

8:00 - 11:00 pm Corporate Member Hospitality Suites, Hilton Hotel

Tuesday, June 7, 2022

8:30 - 10:30 am Oral Sessions (in Parallel)

- TOA am: Biomarkers: Qualitative Analysis, Hall A
- TOB am: Instrumentation: Ionization and Detection of High-Mass Analytes, Room L100
- TOC am: Metabolomics: New Technologies and Applications, Ballroom A
- TOD am: Challenges in MS Analysis of Complex Mixtures, Ballroom B
- TOE am: Fundamentals: Reactions of Gaseous and Solvated Ions, Auditorium
- TOF am: Quantitative Proteomics in Systems Biology, Room 101
- TOG am: GC/MS: Instrumentation and Applications, Room 102

- TOH am: Imaging: Spatially-Resolved Omics, Room 103

10:30 am - 2:30 pm Poster Session, Exhibits, Lunch Break

Odd-numbered poster boards present 10:30 - 11:30 am PLUS 12:30 - 2:30 pm

Even-numbered poster boards present 10:30 am - 12:30 pm PLUS 1:30 - 2:30 pm

2:30 - 4:30 pm Oral Sessions (in Parallel)

- TOA pm: Glycopeptides and Glycoproteins, Hall A
- TOB pm: Instrumentation: New Hybrid and Multimodal Approaches, Room L100
- TOC pm: Drug Discovery and Development: Qualitative and Quantitative Analysis, Ballroom A
- TOD pm: Artificial Intelligence in MS Instrumentation and Applications, Ballroom B
- TOE pm: Fundamentals: Ion Activation and Dissociation, Auditorium
- TOF pm: Lipidomics: New MS Technologies and Applications, Room 101
- TOG pm: Stable Isotope Labeling: Applications, Room 102
- TOH pm: Industry: Trace Analysis, Quality Control, and Automation, Room 103

4:45 - 5:30 pm Award Presentations for [Research Awards](#) and [PUI Research Award](#)
Plenary Lecture: [Biemann Medalist](#)

5:45 - 7:00 pm [Tuesday Evening Workshops](#) (hosted by ASMS Interest Groups or Independent organizers)

8:00 - 11:00 pm Corporate Member Hospitality Suites, Hilton Hotel

Wednesday, June 8, 2022

8:30 - 10:30 am Oral Sessions (in Parallel)

- WOA am: Biotherapeutics: Proteins, Antibodies, and Antibody/Drug Conjugates, Hall A
- WOB am: Instrumentation: Innovative Separations Approaches Coupled to MS, Room L100
- WOC am: Imaging: Pharmaceuticals, Metabolites, Lipids, and Glycans, Ballroom A
- WOD am: Informatics: Metabolomics, Ballroom B
- WOE am: Fundamentals: Ion Structures and Energetics (In Memory of Fred W. McLafferty), Auditorium

- WOF am: Lipidomics: Targeted and Untargeted, Room 101
- WOG am: Forensics: Innovations and Applications, Room 102
- WOH am: Environmental: Innovative Approaches and Instrumentation, Room 103

10:30 am - 2:30 pm Poster Session, Exhibits, Lunch Break

Odd-numbered poster boards present 10:30 - 11:30 am PLUS 12:30 - 2:30 pm

Even-numbered poster boards present 10:30 am - 12:30 pm PLUS 1:30 - 2:30 pm

2:30 - 4:30 pm Oral Sessions (in Parallel)

- WOA pm: Biotherapeutics: Characterization and Quantitation, Hall A
- WOB pm: Instrumentation: Ambient Ionization and Applications, Room L100
- WOC pm: Metabolomics: Untargeted Profiling, Ballroom A
- WOD pm: Nucleic Acids and Oligonucleotides, Ballroom B
- WOE pm: Fundamentals Beyond Mass Analysis: Structural Characterization of Isomers, Auditorium
- WOF pm: Protein-Ligand and Protein-Protein Interactions, Room 101
- WOG pm: Microbiome and Interactome, Room 102
- WOH pm: Viruses and Virus-Like Particles, Room 103

4:45 - 5:30 pm ASMS Meeting, Susan Richardson, presiding 5:45 - 7:00 pm

Wednesday Evening Workshops (hosted by ASMS Interest Groups or Independent organizers)

8:00 - 11:00 pm Corporate Member Hospitality Suites, Hilton Hotel

Thursday, June 9, 2022

8:30 - 10:30 am Oral Sessions (in Parallel)

- ThOA am: Structural Biology, Hall A
- ThOB am: Ion Mobility: Instrumentation & Method Development, Room L100
- ThOC am: Single Cell Omics, Ballroom A
- ThOD am: Informatics: Data-Independent Acquisition and Multiplexing, Ballroom B
- ThOE am: Fundamentals: Unconventional Approaches in MS (In Honor of R. Graham Cooks), Auditorium
- ThOF am: Cancer Research, Room 101
- ThOG am: Food Safety & Chemistry: Innovations, Room 102

- ThOH am: High Throughput MS, Room 103

10:30 am - 2:30 pm Poster Session, Exhibits, Lunch Break

Odd-numbered poster boards present 10:30 - 11:30 am PLUS 12:30 - 2:30 pm

Even-numbered poster boards present 10:30 am - 12:30 pm PLUS 1:30 - 2:30 pm

2:30 - 4:30 pm Oral Sessions (in Parallel)

- ThOA pm: Top Down Protein Analysis, Hall A
- ThOB pm: Imaging: Instrumentation & Method Development, Room L100
- ThOC pm: Clinical Analysis: Innovations, Ballroom A
- ThOD pm: Informatics: Innovations, Ballroom B
- ThOE pm: Covalent Labeling and Chemical Crosslinking, Auditorium
- ThOF pm: Glycomics, Room 101
- ThOG pm: Food Safety & Chemistry: Foodomics, Allergens, Bacteria, Foods, and Supplements, Room 102
- ThOH pm: Small Molecules: Structural Characterization and Quantitation, Room 103

4:45 - 5:30 pm Closing Session: Plenary Lecture, Julia Laskin, presiding