Call for Papers is Now Open!

ciasem
Interamerican Committee of Societies for Electron Microscopy
XVIII Interamerican Congress on Microscopy

M&M2025
MICROSCOPY & MICROANALYSIS
July 27-31 • Salt Lake City, Utah

XVIII CIASEM and M&M2025
Salt Lake City, Utah, USA
July 27-31, 2025
Salt Palace Convention Center

The Microscopy Society of America is hosting the ***XVIII Interamerican Congress on Microscopy (CIASEM)*** at its annual *Microscopy and Microanalysis* meeting **M&M2025** in Salt Lake City, UT. July 27th to July 31st, 2025.

Visit the M&M 2025 website for detailed information about submission preparation, symposia details, pre-meeting activities (PMCs), short courses, and more!

https://mmconference.microscopy.org

Share your research and connect with the microscopy and microanalysis community at the most important event in the Americas!

https://ciasem.com

Submission deadline is February 14, 2025, 11:59 PM Pacific Time.

Analytical Sciences Symposia

A01 - Advances in Focused Ion Beam Instrumentation, Applications, and Techniques for Materials and Life Sciences
A02 - Frontiers of Electron Ptychography
A03 - When 4D-STEM Meets More Dimensions: Deepening Materials Insights with Efficient Experimental Design and Smart Computational Microscopy
A04 - Contributions of Analytical Electron Microscopy to Understanding Microstructural Evolution in Materials: James Bentley Memorial Symposium
A05 - Latest Advances in Atom Probe Tomography
A06 - Surface and Subsurface Microscopy and Microanalysis of Physical and Biological Specimens
A07 - Advances in SEM Instrumentation, Application and Techniques
A08 - Next Generation Microanalysis Standards For EPMA and SEM-EDS Calibration
A09 - Quantitative Electron Diffraction for Materials Analysis, From Transmission Electron Diffraction to EBSD and ECCI
A10 - Advances in Cryogenic Transmission Electron Microscopy and Spectroscopy for Energy and Quantum Materials and Technologies

Biological Sciences Symposia

B01 - 3D Structures: from Macromolecular Assemblies to Whole Cells
B02 - Biological Soft X-ray Tomography
B03 - Application of Microscopy Techniques for Research and Diagnosis of Diseases in Humans, Plants and Animals
B04 - Emerging Advances in Light Microscopy of Fixed and Live Samples Below the Diffraction Limit
B05 - Development, Challenges and Biomedical Applications of Tissue Clearing, Expansion Microscopy and Volumetric Imaging
B06 - Microscopy in Cell and Molecular Biology across the Americas (CIASEM)
B07 - Cryo-electron Tomography: Progress and Potential
B08 - Advances in cryo-EM technology

Interdisciplinary (Cross-Cutting) Symposia

C01 - Microscopy and Microanalysis of Interfaces and/or Interactions Among Organic and Inorganic Matter
C02 - Lens On Diversity: Empowering Diversity in Microscopy Sciences
C03 - Microscopy and Microanalysis in Industry
C04 - Best Papers from MSA Publications Portfolio
C05 - The Relevance and Advancement of Microscopy across the Americas (CIASEM)
C06 - Advancements in Generative Artificial Intelligence and Automation for Electron Microscopy
C07 - Towards Functional Imaging of Materials: Advances and Insights from Phase Contrast Techniques
C08 - Vendor Symposium

Physical Sciences Symposia

P01 - Advanced Characterization of Nuclear Fuels and Materials
P02 - Electron Microscopy for Ferroic Materials: From Atomic-scale Imaging to in-situ Control
P03 - Characterization of Collective Excitations by Electron Microscopy with High Spatial, Energy, Momentum, and Temporal Resolutions
P04 - Energy Materials: Transport Pathways, Interfaces, & Durability for Performance
P05 - Advances in Imaging and Spectroscopy Beyond Ambient Conditions
P06 - Multimodal Data Acquisition and Analysis of Materials Under Real-World Conditions Using Advanced Electron Microscopy
P07 - High-Resolution Microscopy and Microanalysis of Materials Subjected to Extreme Environments
P08 - Advanced Imaging, Diffraction, and Spectroscopy of Structurally or Chemically Disordered Materials
P09 - Unconventional Electron Probes
P10 - Innovative in-situ Imaging Techniques for Material Characterization, Synthesis, and Processing