CALL FOR PAPERS

Abstract Submission Deadline: February 15, 2012
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Biological Sciences Symposia
- Microbial Biofilms — The Good, The Bad, and The Ugly
- Microscopy and Analysis in Forensic Science
- Structure of Membrane-Shaping Proteins
- 3D Structure and Ultrastructure of Cells, Organelles and Macromolecules
- Visualization, Localization and Dynamics of Cellular Components
- Utilizing Microscopy for Research and Diagnosis of Diseases in Humans, Plants and Animals
- Microscopy, Microanalysis and Image Analysis in the Pharmaceutical Sciences

Physical Sciences Symposia
- Electron Microscopy/Spectroscopy of Energy-Related Materials
- Structural, Chemical and Physical Properties of Carbon-based and Related Nanomaterials
- Hybrid (Soft-Hard) Materials and Interfaces
- Microscopy and Microanalysis of Joining and Coating Materials
- High-Resolution Microscopy and Microanalysis of Meteorites, Minerals, and Aerosols
- Failure Analysis of Structural Materials
- Microscopy and Analysis of Quantum Structures and Devices

Instrumentation and Techniques Symposia
- Applications of aberration corrected STEM and SEM
- Robert Gray Memorial Symposium on Metallography of Reactive Materials
- TEM Phase Contrast Imaging in Biological and Materials Science
- 3D Structure Determination in Physical and Biological Sciences
- Laser Mediated Processes for High-Contrast, High-Resolution, Ultrafast and In-situ TEM
- Focused Ion Beam Instrumentation & Applications for Physical and Biological Sciences
- Imaging Beyond the Diffraction Limit — Super-Resolution in Biology
- Channeling Effects in Microscopy and Microanalysis
- Measurement and Visualization of Mechanical Behavior at Micro and Nano-Scales
- Helium Ion Microscopy
- Correlative Microscopy and Chemical Imaging
- Surface and Subsurface Analysis
- Micro X-Ray Fluorescence
- Quantification From the Micro- to Sub-Nano Scales: Pushing the Limits
- In-situ Experiments in Liquids and Gases Using Electron-Optical Instruments

Technologists’ Forum Sessions
- Technologists’ Forum Platform: Microscopy Techniques in Hydrology
- Technologists’ Forum Special Topics: Confocal Microscopy Across the Sciences
- Technologists’ Forum Roundtable: EM Biological Specimen Prep — Protocols for Success

Physical Sciences Tutorials
- A Guide to EBSD for In-situ Studies

Biological Sciences Tutorials
- Tracking Enveloped Virus Entry by Live Cell Fluorescence Microscopy
- Artifacts in Immunolabeling
- Correlative Light and Electron Cryo-Microscopy

Microscopy Outreach
- Microscopy in the Classroom: Strategies for Education and Outreach
- It’s a Family Affair! Microscopy for Families and Kids of All Ages
- Project MICRO Workshop: Microscopic Explorations

2012 Program Chair: Luke N. Brewer, Naval Postgraduate School, Monterey, CA
MM&M2012ProgramChair@microscopy.org

MM&M 2012 Meeting Management: MeetingManager@microscopy.org

MM&M 2012 Registrar: MMRegistration@conferencemanagers.com

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