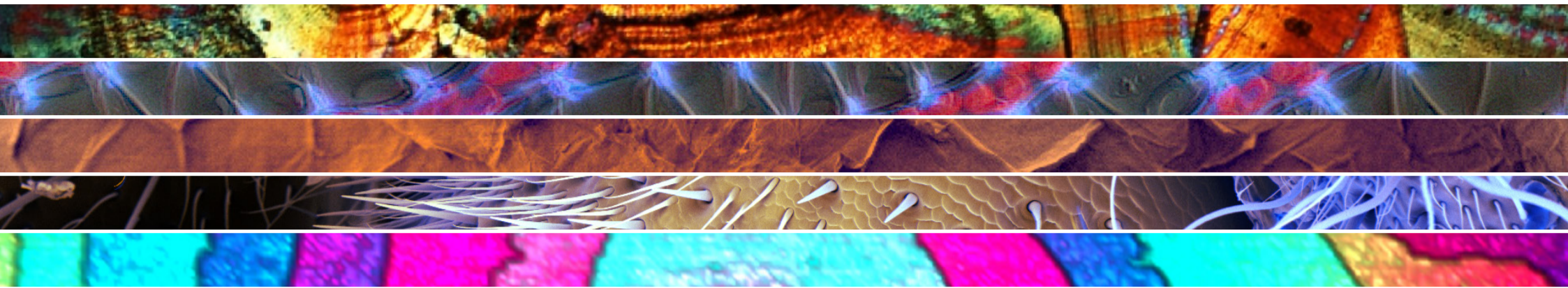




Microscience Microscopy Congress

incorporating **EMAG 2019**



1 - 4 July 2019, Manchester Central, UK

Call for Papers

Join an impressive line-up of speakers in Manchester to highlight and demonstrate the very best in microscopy techniques and applications

Sessions

Scottish Microscopy Group & Microscopy Society of Ireland

- Exploiting Physical and Beam Probes to Resolve Structure
- Trials and Tribulations of Electron and Light Beam Induced Radiation Effects

Frontiers in Biolmaging

- Label-free Quantitative Optical Microscopy
- Biological Applications of Fluorescence Microscopy Beyond the Diffraction Limit
- Developments in Super-resolution Microscopy
- Light Sheet Microscopy: Imaging Complex Biological Samples in Time and Space

SPM

- Advancing Materials Science via Scanning Probes
- SPM of Soft and Biological Matter
- SPM - A Tool for Pharmaceutical and Biomedical Research
- Nanomechanics for Biology and Biomedicine

Life Sciences

- Using Cryo-Electron Microscopy to Investigate Macromolecular Structure
- Correlative Microscopy
- Tissue Cytometry
- Bio Applications: Imaging in Disease
- Imaging the Immune System
- Believing is More than Seeing: Learning and Models in Quantitative Imaging
- 3D-electron Microscopy: Large Data Sets Rich in Information
- *In situ* Electron Microscopy Applied to Soft Matter and Biological Systems
- UK Applied Image Analysis (NEUBIAS UK and IAFIG-RMS)
- Extracting Meaning from Big Data

Physical Sciences

- *In situ* Electron Microscopy Applied to Inorganic Materials
- FIB Microscopy and Sample Preparation
- Multimode Ion Beam Microscopy: Hybrid-techniques and Spectroscopy

- X-ray Microscopy: Beyond Attenuation Contrast Tomography
- Quantitative Microscopy in Earth, Planetary and Archaeological Sciences
- Microscopy of Materials for Health Care
- 3D-electron Microscopy: Large Data Sets Rich in Information
- Exploiting Physical and Beam Probes to Resolve Structure
- *In situ* Electron Microscopy Applied to Soft Matter and Biological Systems
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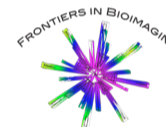
EMAG Keywords

Instrumentation

- Detector Technologies and New Instrumentation
- Phase Sensitive Techniques
- Spectroscopy
- Automated Control, Advanced Data Processing and Modelling Techniques
- 3-D and Correlative Microscopy
- *In situ* Microscopy Techniques
- Dynamic EM
- Low Dose/Low Voltage Imaging and Analytical Microscopy
- Advances in SEM and FIB (CL, EBSD, Beam Deceleration, Monochromators, Ion Sources, STEM etc)
- Electron Crystallography and Diffraction

Materials

- Biological Materials, Biomaterials, Soft Matter and Polymers
- Geological Microscopy
- Catalytic Materials
- Nanomaterials and 2D Materials
- Energy and Energy Storage Materials
- Functional Semiconductor and Oxide Materials
- Structural Materials and Metallurgy
- Surface Imaging and Modification
- Microscopy of Interfaces and Heterostructures
- High Resolution Chemical and Structural Analysis



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www.rms.org.uk
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**Abstract Submission
is open at**

**[www.mmc-series.org.uk/
abstract-submission](http://www.mmc-series.org.uk/abstract-submission)**

Key Dates

**Registration Opens -
January 2019**

**Oral Abstract Submission
Deadline - 15 February 2019**

**Poster Abstract Submission
Deadline - 15 March 2019**

**Late Breaking Poster
Deadline - 3 May 2019**

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