

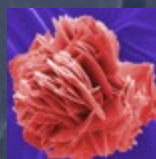
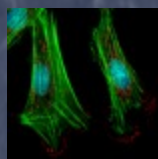
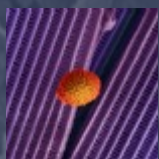
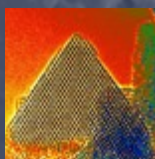
# 15<sup>th</sup> European Microscopy Congress

Manchester, United Kingdom

16th - 21st September 2012



## First Call for Papers



submit your abstract by 16th March 2012

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The 15<sup>th</sup> European Microscopy Congress is organised by the Royal Microscopical Society in co-operation with the European Microscopy Society, under the auspices of the International Federation of Societies for Microscopy.

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## First Call for Papers

### Physical Sciences: Applications

Functional materials ~ Thin films, coatings and interfaces ~ Art, heritage and forensics ~ Advanced materials ~ Healthcare ~ Nanomechanics ~ Towards sustainable energy and environmental protection ~ Earth and planetary materials ~ Low dimensional materials

### Physical Sciences: Tools and Techniques

Advances in scanning probe microscopy: applications at the nanoscale ~ Advances in SEM ~ *In situ* and environmental EM ~ 3D/4D imaging ~ Advances in EM instrumentation and methods (Professor David Cockayne Memorial Symposium) ~ Electron diffraction and crystallography ~ Advances in spectroscopy in STEM and CTEM ~ Advances in ion microscopy

### Life Sciences: Applications

Organelle dynamics ~ Biology of the cell nucleus ~ Cytoskeleton and signalling ~ Applied imaging brain structure and function across different spatial and temporal scales ~ Uninvited guests: visualising host-pathogen interactions ~ Imaging and flow cytometry in cancer biology ~ *In vivo* imaging of multicellular dynamics and complexity (applications)

### Life Sciences: Tools and Techniques

Super-resolution fluorescence microscopy for life sciences ~ Applications and advances in high content imaging ~ Probes for light and electron microscopy ~ 3D Image Processing (3D microscopy, 3D image analysis and developmental imaging) ~ 3D electron microscopy of structure-function studies ~ Techniques for imaging brain structure and function across different spatial and temporal scales ~ *In vivo* imaging of multicellular dynamics and complexity

**Deadline: 16th March 2012**

**To submit your abstract, visit [www.emc2012.org](http://www.emc2012.org)**