EMAG 2009 – Plenary and invited speakers

Plenary Speakers

The nanoworld through aberration-corrected lenses
Professor David Cockayne (University of Oxford, UK)

Protons, Ions and Electrons, and the future of the SEM
Professor David Joy (University of Tennessee, USA)

Quantitative imaging in 2D and 3D
Professor Gustaaf Van Tendeloo (University of Antwerp, Belgium)

Invited Speakers

Quantitative scanning transmission electron microscopy
Professor Les Allen (University of Melbourne, Australia)

Microscopy at the Life Sciences/Physical Sciences interface
Professor Paul Brown (University of Nottingham, UK)

In situ aberration corrected electron microscopy in energy research
Professor Pratibha Gai (University of York, UK)

Dark-field holography for strain mapping in nanostructures and nanodevices
Dr Martin Hytch (CEMES-CNRS, France)

Atomic resolution low voltage electron microscopy, current status and future prospects
Professor Ute Kaiser (University Ulm, Germany)

Interactions of functionalised carbon nanotubes with human cells
Dr Alexandra Porter (Imperial College London, UK)

High-resolution transmission imaging without lenses
Professor John Rodenburg (University of Sheffield, UK)

In situ monitoring of gas-assisted focused ion and electron beam processing
Dr Ivo Utke (EMPA - Materials Science and Technology, Switzerland)

Oxide interfaced in the light of electrons
Dr Maria Varela (Oak Ridge National Laboratory, USA)