



# EMAG2016

**6–8 April 2016**

**Durham University, Durham, UK**

Organised by the IOP Electron Microscopy and Analysis Group

**<http://emag2016.iopconfs.org>**

Recent advances in instrumentation, from high brightness electron sources to aberration correction and monochromators, has seen a paradigm shift in electron microscopy research. With high quality data now routinely being acquired, the emphasis has shifted to extracting quantitative information about the specimen. Supporting this is the parallel development in computing techniques, such as DFT simulations for electron energy loss spectra and electron beam scattering calculations. EMAG 2016 will bring these aspects to the forefront in a focussed theme conference on 'Quantitative Electron Microscopy: Imaging, Diffraction and Spectroscopy'.

EMAG is the Institute of Physics Electron Microscopy and Analysis Group meeting that brings together the UK electron microscopy community as well as leading international researchers. It has been a prominent event since the inaugural meeting in 1946. One of the main attractions of EMAG is that it is a platform for students to present their work, alongside more established researchers.

EMAG 2016 will be held in the North East city of Durham, on 6-8th April 2016. The conference will focus on the many aspects of Quantitative Electron Microscopy. Several distinguished invited speakers will present the state-of-the-art in their field, along with contributed oral presentations and high quality poster sessions. Prizes will be awarded to the best student contributions. There will also be a trade exhibition, involving some of the largest manufacturers of electron microscopes and other scientific instruments.

Conference delegates will be able to enjoy a dinner in the historic 11th century Durham Castle, while accommodation can be booked at Durham University Collingwood College, which is within walking distance to the conference centre.

Further details can be found at the conference website  
**<http://emag2016.iopconfs.org/>**

## Key dates

Abstract submission deadline	15 January 2016
Early registration deadline	4 March 2016
Registration deadline	31 March 2016

## Registration fees

### Early registration fees (before or on 15 April 2016)\*

IOP Member	£238
IOP Concessionary	£150
Non-Member	£338
Student Non-Member	£165

\*online registration with credit/debit card payment

## Plenary Speakers

- Prof Paul Midgley (University of Cambridge)
- Prof Ferdinand Hofer (Graz University of Technology)
- Prof Alan Craven (University of Glasgow)

## Invited Speakers

- Dr Richard Beanland (University of Warwick)
- Prof Andreas Rosenauer (University of Bremen)
- Dr Raul Arenal (Universite de Zaragoza)
- Dr Jan Ruzs (Uppsala University)

## Enquiries

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**Details at <http://emag2016.iopconfs.org>**