“Applications of Precession Electron Diffraction” Summer School
14th-15th September 2012
Manchester, UK

- **Do you want to know how to get higher resolution, more interpretable electron diffraction data?**
- **Do you want to know what tools are available to help with interpreting diffraction data?**
- **Do you want to know how to improve the spatial resolution of your Electron Backscatter Diffraction (EBSD) orientation data (using a TEM)?**

Come to our 2 day advanced school on “Applications of Precession Electron Diffraction” which is being organised as a satellite event to the 15th European Microscopy Congress in Manchester, UK on 14th-15th September. You will get the opportunity to have hands-on TEM experience of new diffraction techniques in small groups and participants will have the opportunity to try the techniques own their own samples (subject to demand). You will be taught by world leading experts in electron crystallography and can try out different software packages. This is the first dedicated school of its type to be held in the UK so we encourage you to come and learn how you could benefit from these new techniques which have many applications including nanoparticles, metallurgy, ceramics, etc.

A limited number of bursaries are available to offer students free travel/accommodation – first come first served – please email us. Information about the lectures and practical classes can be found on our webpage: http://www-hrem.msm.cam.ac.uk/events/Precession_Meeting/main.xhtml

The meeting will run concurrently with the SuperSTEM meeting at the Manchester Materials Centre with coordinated breaks, meals and social events. This is therefore a great opportunity to network with researchers both within the crystallography field and among a wide range of other microscopy fields.

We thank the RMS, EMS, IUCr, Nanomegas, and Calidris for generous support. Please contact Alex Eggeman (ase25@cam.ac.uk) or Sarah Haigh (sarah.haigh@manchester.ac.uk) for more information.

Organising committee:
Dr Alex Eggeman, Prof Paul Midgley (University of Cambridge), Dr Sarah Haigh (University of Manchester), Prof Laurie Marks (Northwestern University), Dr Stavros Nicolopoulos (NanoMEGAS SPRL).