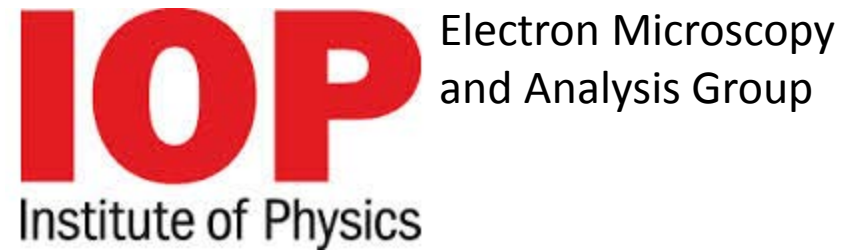


Working Group on a Distributed Facility Model for Advanced Electron Microscopy in the Physical Sciences



History

- 2009
 - EPSRC launches mid-range facility review
 - EM community supports a statement of need for aberration-corrected STEM
 - EMAG AGM discusses idea of a distributed facility
 - EMAG organises 1-day meeting at IOP to discuss possible model
 - General support to explore possible model(s)
 - Agrees to establish a working group to generate specific proposals

More History

- 2011 SuperSTEM becomes a mid-range facility
 - Starts to develop as a hub for access to 9 institutions
- 2012 SuperSTEM takes initiative to activate working group
- 2013 EPSRC agrees to part support activities of working group.
- 10 member working group formed from nominations from SuperSTEM, EMAG and RMS (3 each)
 - Pete Nellist*, Quentin Ramasse, Jeremy Skepper (SuperSTEM)
 - Rik Brydson*, Ed Boyes, Paul Brown (RMS)
 - Ian MacLaren, Sarah Haigh, Richard Baker (EMAG)
 - Angus Kirkland (STFC/Diamond)

Working group activities

- Meeting1 - 11 June 2013
 - Identified tasks and established surveys
- Meeting 2 – 12 September 2013
 - Reviewed survey outcomes
 - Identified 4 areas on which to report
 - Current ecosystem
 - Coordination of facilities
 - Training
 - Technology watch
 - Convergence with Bioluminescence activities
- Meeting 3 – 24 January 2014
 - Consider initial proposals in 4 areas and refine in preparation to present to community

Aims of this community meeting

- To present the outcomes and proposals from the working group.
 - Have we got it about right?
 - Is there anything we have missed?
 - Can the proposals form a current EM “roadmap”?
- To identify mechanisms to maintain coordination within the community and with colleagues in the BioImagingUK initiative.
- To agree on further actions.

Programme

- 11.00 Introduction and background to the EPSRC Working Group (Pete Nellist/Rik Brydson/Dan Emmerson)
- 11.20 BioImagingUK Initiative (Jason Swedlow)
- 11.40 Discussion
- 12.00 Survey outcomes and current ecosystem (Rik Brydson/Paul Brown)
- 12.20 Discussion
- 12.40 Lunch
- 1.40 Networking and equipment sharing hub (Pete Nellist/Ian MacLaren)
- 2.00 Discussion
- 2.20 Coordination of training (Richard Baker/Sarah Haigh)
- 2.40 Discussion
- 3.00 New technologies (Angus Kirkland, Ed Boyes, Quentin Ramasse)
- 3.20 Discussion
- 3.40 pm tea
- 4.10 Summary of proposals and final discussion (Pete Nellist/Rik Brydson)
- 4.40 pm finish