MI NETWORKS
ELECTRON MICROSCOPY

Agenda

Midlands Innovation Electron Microscopy (MI EM) Network Conference

Tuesday 15th April 2025

Location: Cranfield Management Research Institute (CMRI), Cranfield University, Wharley End, Bedford MK43 0AY

Registration link https://forms.office.com/e/SaWwrQRNXy.

9.30 – 10.00	Arrival / Registration / Coffee	
10.00 – 10.15	Welcome and Introduction	Matt Piggott (Nottingham)/ Kris Bramley (Cranfield)
10:15 – 10.30	Midlands Innovation Update – Welcome to Cranfield	Leon Williams (MI/Cranfield)
MI EM Facilities – Regional Capabilities Update		
10.30 – 10.45	Developing Cranfield's Capability of Advanced Techniques	Kris Bramley (Cranfield)
10.45 – 11:00	National Facility for High-Resolution Cathodoluminescence	Keith Yendall (Loughborough)
11.00 – 11.15	3D Correlative Crystallography	Gareth Douglas (Leicester)
11.15 – 11.30	Adventures in SEM of Biological Samples	Saskia Bakker (Warwick)
11.30 – 11.35	Technobyte Presentation Session 1	Tescan
11.35 – 11.40	Technobyte Presentation Session 2	JEOL
11.40 - 11.45	Technobyte Presentation Session 3	Thermo Fisher Scientific
12.00 – 13.00	**Lunch and Sponsor Exhibition**	
13.00 – 13.45 *13.00*	**MI EM Community Session 1: Research Technical Professional Development** • RTP Development Opportunities: The Institute of Technical Skills and Strategy (ITSS) and the TSN ROKS strategic technical platform	Ian Hancox (ITSS)

13.20	• The Royal Microscopical Society: 'Beyond the Microscope and Into Membership' ***Questions & Discussion***	Sali Davis (RMS)
13.45 – 14.30 *13.45* *14.00* *14.10*	**MI EM Community Session 2: Funding Opportunities** • *UK Research and Innovation (UKRI)* • *Engineering and Physical Sciences Research Council (EPSRC)* • *Biotechnology and Biological Sciences Research Council (BBSRC)* ***Questions & Discussion***	 Nikolay Ogryzko (UKRI) Afia Masood (EPSRC) Oliver Huxley (BBSRC)
14.30 – 15.00	**Coffee Break**	
15.00 – 15.05	Technobyte Presentation Session 4	Bruker
15.05 – 15.10	Technobyte Presentation Session 5	ZEISS
15.10 – 15.15	Technobyte Presentation Session 6	Gatan
15.20 – 16.10 *15.20* *15.30* *15.40*	**MI EM Community Session 3: Complementary Opportunities** *Establishing a Midlands EM Database* *Environmental Sustainability for EM Facilities* *Microscopy and Outreach: How Accessible Can We Make Electron Microscopy?* ***Questions & Discussion***	 MI EM Database Team Emma Hesketh (Leicester) Alex Ball (Natural History Museum)
16.10 –16:30 *16.10*	**MI EM Community Session 4: Future Activities and Plans** *Growing the MI EM Network, Future Plans and Directions* ***Discussion***	 Matt Piggott (Nottingham)/ Emma Hesketh (Leicester)
16.30	*Optional: Cranfield Microscopy Services Centre Tours*	
16.30	**Event Close**	

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