

Time	Speaker	Title of talk
<b>09.00 onwards - Arrival</b>		
10:00 - 10:20	<b>Damien McGrouther</b> , JEOL UK	Development of the Merlin platform and some less well-known aspects of its performance
10:25 - 10:40	<b>Alex Eggeman</b> , University of Manchester	Multidimensional electron diffraction analysis of materials
10:45 - 11:00	<b>Tobias Heil</b> , MPI Stuttgart	Improving Merlin 4D-STEM acquisition routines via Gatan Digital Micrograph Scripting
<b>11:00 - 11:15 - Coffee break / mingle</b>		
11:20 - 11:35	<b>Leopoldo Molina-Luna</b> , AEM Darmstadt	Revealing the Nanostructure of Materials for Energy Technology by PED enhanced 4D-STEM
11:40 - 11:55	<b>Aravind Raji</b> , Universite Paris-Saclay	Elucidating the structural and electronic landscapes in complex oxide systems using MerlinEM Medipix3 Detector
12:00 - 12:15	<b>Ton van Helvoort</b> , NTNU	Orientation and phase mapping at a larger scale
<b>12:15 - 13:15 - LUNCH</b>		
13:20 - 13:35	<b>Chen Huang</b> , RFI	Cryo-Electron Ptychography: Applications and Potential in Biological Characterisation
13:40 - 13:55	<b>Pedro Nunes</b> , Diamond Light Source	3DED/microED data collection on MerlinEM: SerialEM workflow
14:00 - 14:15	<b>Martien den Hertog</b> , Institut Néel - CNRS	Characterisation of the electric field at a pn junction by 4D STEM
14:20 - 14:35	<b>Simon Fellner</b> , OAEW	Mapping strain in complex materials using 4D-STEM
14:40 - 15:00	<b>Chris Allen</b> , ePSIC Diamond Light Source	Developments in electron ptychography at ePSIC
<b>15:00 - 15:15 - Coffee break / mingle</b>		
15:20 - 15:35	<b>Jo Verbeeck</b> , University of Antwerp	Event-based detection as the ideal tool for low dose imaging
15:40 - 16:00	<b>Angus Kirkland</b> , RFI / University of Oxford	Applications of the MerlinEM for Ptychography at low dose
16:05 - 16:30	<b>Matus Krajenak, Gearóid Mangan &amp; Liam O’Ryan</b> , Quantum Detectors	The MerlinEM and its applications, enabling technologies and future developments
16:30 - CLOSE	PANEL TALKS / NETWORKING	
<b>EVENT FINISH - 17:30</b>		