Wednesday 11th April: Day 1

All talks take place in the Westminster Theatre

8:30	Registration opens – *Chancellor's Building foyer*
10:00	Welcome & what's new in CCP-EM, eBIC & EMDB
	Tom Burnley (STFC), Corey Hecksel (DLS) & Ardan Patwardhan (EBI)
11:00	Coffee – *Chancellor's Building foyer*
11:30	**Chris Russo** (MRC-LMB)
	TBC
12:00	**Nicola Guerrini** (STFC)
	Direct electron detector development at STFC from the Falcon and beyond
12:30	**Sacha de Carlo** (Dectris)
	Detector technologies for high-resolution TEMs
13:00	Lunch – *Chancellor's Building restaurant*
14:30	**Carlos Óscar Sánchez Sorzano** (CSIC Madrid)
	Complex Image Processing Workflows and High resolution reconstructions using Scipion
15:00	**Arjen Jakobi** (TU Delft)
	Improving density interpretation by local sharpening of cryo-EM density maps
15:30	**Paul Emsley** (MRC-LMB)
	Coot model-building
16:00	Coffee
16:30	**Xiaodong Zhang** (Imperial)
	High resolution complexes determined by SPR EM
17:00	**Hans-Werner Fink** (Zürich University)
	Holography with low-energy electrons: a tool for single molecule structural biology
17:30	Accommodation check in – *Chancellor's Building reception desk*
19:15	Dinner – *Keele Hall*

Thursday 12th April: Day 2

eBIC Session

9:00	**Tim Grüne** (Paul Scherrer Institut)	
	Collecting diffraction data with an electron microscope	
9:30	**Achilleas Frangakis** (Goethe University Frankfurt)	
	Image reconstruction and reliability algorithms for electron tomography	
10:00	**Peter Cherepanov** (Francis Crick Institute)	
	TBC	
10:30	Coffee	
11:00	**Giulia Zanetti** (Birkbeck)	
	Coat protein complexes studied by cryo-tomography and sub-tomogram averaging	
11:30	**Kai Zhang** (MRC-LMB)	
	Recent development of GCTF	
12:00	**Beata Turoňová** (EMBL)	
	Efficient 3D-CTF correction for cryo-electron tomography using NovaCTF improves subtomogram averaging resolution to 3.4 Å	
12:30	Lunch	
14:00	**Corinne Smith** (University of Warwick)	
	Defining clathrin cage interactions using high resolution cryoEM	
14:30	**Ana Casañal** (MRC-LMB)	
	Architecture of eukaryotic mRNA 3'-end processing machinery	
15:00	Coffee	
15:30	**Ben Himes** (Janelia)	
	emClarity: software for sub-tomogram alignment and classification for hetrogeneous specimens	
16:00	**Mark Basham** (Diamond)	
	SuRVoS: software for volume segmentation	
16:30	Closing remarks	