

SUNDAY 14 afternoon	
TIME	TOPICS
1400	EM+holography
	native mass spec and IMS
	molecular SPM
1415	soft landing
1430	
1445	
1500	Welcome Coffee JCR cafe
1515	
1530	
1545	
1600	
1615	
1630	
1645	
1700	Wadham Holywell Music Room Organisers Opening Adress
1715	chair: S. Rauschenbach Carol Robinson University of Oxford Promises and pitfalls of native mass spectrometry
1730	
1745	
1800	Yifan Cheng Univ. of California San Francisco Structural studies of endogenous proteins in HEK cells by combination of single particle cryo-EM and mass spectrometry
1815	
1830	
1845	Get together Wadham bar
1900	
1915	
1930	

MONDAY 15 morning	
TIME	Wadham Holywell Music Room
0900	chair: I. Liko Leonhard Grill University Graz Imaging and Manipulation of Single Molecules: Switches, Wires and Motors
0915	
0930	
0945	Grant Johnson PNNL Harnessing the potential of atomically precise materials using preparative mass spectrometry
1000	
1015	
1030	coffee + poster JCR cafe
1045	
1100	chair: W. Struwe Michal Sharon Weizmann Institute Native Mass Spectrometry Under "Close-To-Life" Conditions
1115	
1130	Caglia Sahin Karolinska Institutet Divergent assembly mechanisms
1145	Victor Yin Utrecht University Weighing in on SARS-CoV-2...
1200	Albert Heck Utrecht University Sizing, counting and chasing individual particles by native mass spectrometry
1215	
1230	Lunch Hall
1245	
1300	
1315	Poster Session I JCR cafe
1330	
1345	

MONDAY 15 afternoon	
TIME	Wadham Holywell Music Room
1400	chair: L. Baker Alex Noble New York Structural Biol.Center Current approaches and prospects in combining MS and cryo-EM/ET
1415	
1430	Tim Grant University of Wisconsin-Madison New methodologies for imaging and processing cryo-EM samples
1445	
1500	(online) Julia Laskin Purdue University
1515	
1530	coffee + poster
1545	
1600	chair: J. Benesh Tim Esser U of Oxford / Thermo Fisher Mass-selective and ice-free cryo-EM protein sample prep. via native ESIBD
1615	
1630	Josh Coon University of Wisconsin-Madison 3D structure determination of protein complexes using matrix-landing mass spectrometry
1645	
1700	Henry Benner IlanDX Mobility-Selected Ions on EM Grid
1715	Elizabeth Hecht Genentech Ion mobility, nMS and Cryo-EM
1730	
1745	THERMO FISHER special event
1800	
1815	
1830	
1845	
1900	Drinks Reception
1915	Thermo Special Dinner old library
1930	

TUESDAY 16 morning	
TIME	Oxford Martin School
0900	chair: E. Baier
0915	(online) Yelian Wang Beijing Institute of Technology Selective adsorption and interplay of functional molecules on 2D materials
0930	
0945	Florian Albrecht IBM Research Europe Selectivity in single-molecule rxns
1000	Andreas Walz TU Muenchen A wide range of (bio)organic species soft-landed using preparative mass spectrometry
1015	
1030	coffee
1045	
1100	chair: C. Lutomski Vicky Wysocki Ohio State University Native MS Tools for Characterization of Protein and Nucleoprotein Complexes
1115	
1130	Brian Chait The Rockefeller University Native mass spectrometry for screening and probing dynamic macromolecular structures
1145	
1200	Frank Sobott University of Leeds Molecular footprints of protein aggregation
1215	
1230	Lunch Hall
1245	
1300	
1315	chair: A. Botman Christopher Russo MRC Laboratory The potential of electron cryomicroscopy in situ: identifying molecules in cells
1330	
1345	Lindsay Baker University of Oxford Identifying single mol. from cryo-ET
1400	Ulrich Lorenz EPFL Microsecond Time-Resolved Cryo-Electron Microscopy
1415	
1430	

TUESDAY 16 afternoon	
TIME	
1430	... continues from before EXCURSION INSTRUCTIONS
1445	EXCURSION walk to boathouse 30
1500	
1515	distribution into boats 30
1530	punt towards Victoria Arms 60
1545	
1600	Break at pub
1615	
1630	
1645	
1700	punt back 60
1715	
1730	
1745	
1800	
1815	return boat and walk back 30
1830	
1845	PREDINNER DRINKS (starts 1815)
1900	
1915	CONFERENCE DINNER
1930	... until 10pm

WEDNESDAY 17 morning	
TIME	Wadham Holywell Music Room
0900	chair: B. de la Torre Jiang Ying (online) Beijing University Submolecular insights into Interfacial Water by Hydrogen-Sensitive SPM
0915	
0930	Kelvin Anggara MPI Stuttgart Visualizing Glycans and Glycoconjugates One-at-a-time
0945	
1000	(online) Xu Wu MPI for Solid State Research Non-averaged Imaging of Biomolecules
1015	
1030	coffee + poster
1045	
1100	chair: D. Wu Perdita Barran University of Manchester tba
1115	
1130	Tarick El-Baba University of Oxford
1245	
1200	Brandon Ruotolo University of Michigan High-throughput Collision Induced Unfolding as a Screening Technology for High-Resolution Structural Biology
1215	
1230	Lunch Hall
1245	
1300	
1315	Poster Session II JCR cafe
1330	
1345	
1400	
1415	
1430	

WEDNESDAY 17 afternoon	
TIME	Wadham Holywell Music Room
1400	chair: A. Bahm Tatiana Latychevskaia University of Zurich Low-energy electron holography and coherent diffraction imaging
1415	
1430	Hannah Ochner MPI for Solid State Research Amplitude and Phase Reconstruction of Low Energy Electron Holograms of Individual Proteins
1445	
1500	Pilar Cossio Flatiron Institute Free-energy profiles from cryoEM particles
1515	
1530	coffee + poster
1545	
1600	chair: J. Gault Peng Wang Warwick University Cryo-EPL SPA
1615	
1630	Stefania Moro University of Warwick High-resolution imaging for sub-molecular scale characterisation of conjugated polymers
1645	Johannes Seibel MPI for Solid State Research Visualization of D- and L-glycan
1700	Alexander Makarov Thermo Fisher Scientific Integration of Orbitrap Mass Spectrometry and Novel In-Vacuo Techniques: Abundant Marriage Opportunities
1715	
1730	Closing Remarks
1745	
1800	curry and pub
1815	
1830	
1845	
1900	
1915	
1930	