9th Austrian Cryo-EM Symposium (ACE)

24 – 25 September 2026

IMP · Vienna BioCenter, Austria

FINAL PROGRAM

Day 1 — Thursday, 24 September 2026

Time	Speaker	Affiliation	Talk title
13:00 – 14:00	*Registration & welcome coffee*		
14:00 – 14:10	**Welcome & opening remarks**	Organizing Committee	
Session 1 · Viruses & Infection			
14:10 – 14:40	**Petr Chlanda**	BioQuant, Heidelberg University	*In situ cryo-electron tomography of influenza virus assembly and alveolar organoids*
14:40 – 15:10	**Daniel Hurdiss** *EMBO YIP Lecture*	Infection & Immunity, Utrecht	*Plumbing the depths of norovirus replication*
15:10 – 15:40	**Gregor Weiss**	University of Zurich	*Imaging bacterial pathogens across scale — from lipids to a collective architecture*
15:40 – 15:55	**Dominik Hrebík (selected talk)**	Max Planck Institute of Biochemistry	*Structures of membrane-reconstituted HIV-1 matrix reveal its role in membrane remodelling*
15:55 – 16:25	*Coffee break*		
16:25 – 16:40	**Amiyaranjan Das (selected talk)**	Ceitec, Masaryk University	*Structural basis of Rift Valley fever virus genome replication*
16:40 – 17:10	**Flash talks Odd-numbered posters**	Poster teasers	
17:10 – 19:00	*Poster Session 1 (odd-numbered posters) · wine & cheese*		

Day 2 — Friday, 25 September 2026

Time	Speaker	Affiliation	Talk title
09:00 – 09:30	*Welcome coffee*		
Session 2 · Molecular Machines			
09:30 – 10:00	**Katerina Toropova**	Sir William Dunn School of Pathology, Oxford	*Motor proteins in action: visual biochemistry of dynein's stepping cycle*
10:00 – 10:30	**Alessandro Costa**	The Francis Crick Institute	*Mechanisms of histone extraction shape epigenetic inheritance pathway choice*
10:30 – 11:00	**Zhaoming Su**	State Key Laboratory of Biotherapy, West China Hospital	*Structural basis of intron catalysis enabled by intron-encoded proteins*
11:00 – 11:30	*Coffee break*		
Session 3 · Technology & Structure			
11:30 – 12:00	**Ellen Zhong**	Princeton University	*AI Methods for High-Throughput Biomolecular Structure Determination in Cryo-EM*
12:00 – 12:15	**Helena Watson (selected talk)**	Rosalind Franklin Institute	*BIGSMALL: Seeing the big picture with multi-magnification cryo-ET*
12:15 – 12:30	**Jiri Wald (selected talk)**	Center for Structural Systems Biology, Hamburg	*Freeze and deposit sample delivery for cryo-EM imaging*
12:30 – 12:45	**Amit Meir (selected talk)**	University of Glasgow	*Cryo-EM reveals unexpected architectures of biotin-dependent metabolic enzymes in Legionella pneumophila*
12:45 – 13:15	**Flash talks Even-numbered posters**	Poster teasers	
13:15 – 14:00	*Lunch*		
14:00 – 15:50	*Poster Session 2 (even-numbered posters)*		
Session 4 · Vienna Community			
15:50 – 16:05	**Sascha Amann (selected talk)**	Research Institute of Molecular Pathology	*Structural Basis of Ubiquitin Chain Recognition by the 26S Proteasome*
16:05 – 16:35	**Manon Demulder**	Gregor Mendel Institute (GMI), Vienna	*An integrative workflow for environmental cryo-ET of photosynthetic organisms*
16:35 - 16:50	**Radovan Spurný (Sponsor Talk)**	Thermo Fisher	*From Atoms to Cells: Cryo-EM and Cryo-FIB Enabling In Situ Structural Biology*
16:50 – 17:00	**Awards · Closing remarks**	Organizing Committee	
17:00	*Social hour*		