

Annual Meeting Swiss Society for Crystallography Scientific Programme 10 September 2025



08:30		Registration and Welcome Coffee
09:20	Welcome address	Arnaud Magrez and Pascal Schouwink
09:30 - 10:30	Materials at Extreme Conditions	Chair: Henrik Ronnow
09:30 – 10:00 10:00 – 10:15	High-Pressure Crystallography as a Tool for Materials Discovery Uniaxial Control of Cuprate Superconductors	Invited speaker: Natalia Dubrovinskaia (University of Bayreuth, Germany) Gediminas Simutis
10.15 10.00		
10:15 – 10:30	Understanding and tuning the electronic structure of covalent organic frameworks	Michelle Ernst
10:30 – 11:00		Coffee break, posters, exhibition
11:00 – 11:10 11:10 – 11:45	SSCr PhD Prize Ceremony Correlated disorder in Prussian Blue analogues: from understanding to the control of the local structure	PhD Award Award Lecture: Yevheniia Kholina
12:00 - 14:00 13:00 - 14:00	General Assembly in room SG0211	Lunch, posters, exhibition General Assembly of the SGK-SSCr
14:00 – 14:30	Award of honorary memberships	Hans-Beat Bürgi, Hans Grimmer
14:30 – 15:30	Bulk materials discovery and crystal growth	Chair: Arnaud Magrez
14:30 – 15:00	Crystal Chemistry and Exotic Properties in some Low-D 6th block Transition Metal Phosphates (Cr, Mo,W)	Invited speaker: Olivier Mentré (University of Lille, France)
15:00 – 15:15	Stabilizing Metastable I-V ₂ O ₅ via Pillaring: Single-Crystal to Single-Crystal transformations for Advanced Lithium-Ion Cathodes	Sarbejeet Chakraborty
15:15 – 15:30	Discovering Vitrification Pathways in Zr-Based Metallic Glasses: Structural Insights from Microgravity Experiments	Damien Terebenec
15:30 – 16:00		Coffee break, posters, exhibition
16:00 – 17:00	Nanomaterials and Disorder	Chair: Raffaela Buonsanti
16:00 – 16:30	Probing Structural Defects and Dynamic Disorder in Halide Perovskite Nanocrystals	Invited speaker: Federica Bertolotti (University of Insubria, Italy)
16:30 – 16:45	SAXS-guided Design of Responsive Microemulsion	Elisa Mégroz
16:45 – 17:00	Disorder structure determination by 3D∆PDF analysis of a Dy-based metal—organic framework	Stefano Canossa
17:00		Poster prize, farewell, lab tours