

MLZ User Meeting 2024

Thursday 5 December 2024

Structure Research: SR I (13:00 - 14:30)

time	[id] title	presenter
13:00	Welcome by Science Group	
13:05	[86] Combined neutron- / X-ray crystal diffraction reveals switches for Fe(II) / Fe(III) binding in the cyanobacterial iron binding protein FutA that are resolved by XFEL X-ray induced photoreduction	TEWS, Ivo
13:40	[108] Enhancing structural refinement of macromolecules obtained from neutron crystallography	CATAPANO, Lucrezia
14:05	[21] Inspired by users: big data tools at the Swiss-Norwegian Beamlines at ESRF	DIADKIN, Vadim

Structure Research: SR II (15:00 - 16:40)

time	[id] title	presenter
15:00	[93] Diffraction Computed Tomography for Non-Destructive Analysis of Li-Ion Batteries	Dr KOCHETOV, Vladislav
15:25	[58] Silicon-Induced Structural Changes in Commercial Li-ion Battery Anodes	HÖLDERLE, Tobias
15:50	[42] Temperature-resolved Crystal Structure of Ethylene Carbonate	WESTPHAL, Lea
16:15	[55] Operando investigation of the electrolyte uptake of the electrodes in 18650-type Li-ion batteries	PETZ, Dominik

Structure Research: SR III (17:10 - 18:00)

time	[id] title	presenter
17:10	[71] Orthorhombic Symmetry and Anisotropic Properties of Rutile TiO ₂	FABRYKIEWICZ, Piotr
17:35	Wrap up	