

MLZ User Meeting 2022

Thursday, December 8, 2022

Structure Research: SR I (1:00 PM - 2:30 PM)

time	[id] title	presenter
1:00 PM	[165] Welcome	
1:05 PM	[166] Neutron diffraction competing with high resolution X-ray diffraction: Any chances?	HINTERSTEIN, Manuel
1:40 PM	[158] The half- to full-Heusler transition in Ni _{1+x} MnSb	LEITNER, Michael
2:05 PM	[155] Magnetic properties of the noncentrosymmetric tetragonal antiferromagnet EuPtSi _{3}	BAUER, Andreas

Structure Research: SR II (3:00 PM - 4:40 PM)

time	[id] title	presenter
3:00 PM	[168] Exchange interactions and phase transitions in an external magnetic field in orthoferrites RFeO ₃ (R=Ho,Tb,Yb).	OVSIAKOV, Aleksandr
3:25 PM	[129] 6Mg(NH ₂) ₂ ·9LiH·12LiBD ₄ as hydrogen storage material: in-operando phase transformation	KUZNETSOVA, Anastasiia
3:50 PM	[2] Neutrons and X-ray methods for investigation of Li-ion batteries at material, electrode and cell level	Dr PAUL, Dr. Neelima
4:15 PM	[153] Revealing the origin of additional voltage steps of over-lithiated high voltage spinel	JOBST, Nicola

Structure Research: SR III (5:10 PM - 6:00 PM)

time	[id] title	presenter
5:10 PM	[45] On symmetry relationships of binary metallic graphite intercalation compounds structure family - understanding staging transition mechanism and a helpful tool for neutron diffraction studies	SEIDLMEYER, Stefan
5:35 PM	[22] Aging-related changes in the Lithium Distribution of 18650-type Li-ion batteries	PETZ, Dominik