

MLZ User Meeting 2021

Tuesday 7 December 2021

Structure Research: Structure Research I (09:00 - 10:20)

-Conveners: Anatoliy Senyshyn; Martin Meven

time	[id] title	presenter
09:00	[140] Welcome	SENYSHYN, Anatoliy
09:05	[126] Gas adsorption studied by in situ powder diffraction: from structural evolution to thermodynamics	FILINCHUK, Yaroslav
09:30	[17] Capturing the catalytic proton of dihydrofolate reductase: implications for general acid-base catalysis	WAN, Qun
09:55	[11] Studying the uniformity of custom-made Li-ion pouch cells using operando neutron powder diffraction and spatially resolved synchrotron X-ray diffraction	SØRENSEN, Daniel

Structure Research: Structure Research II (13:15 - 14:30)

-Conveners: Martin Meven; Anatoliy Senyshyn

time	[id] title	presenter
13:15	[86] Exploring the synthetic effects on disorder in fast ionic conducting materials using neutron diffraction	ZEIER, Wolfgang
13:40	[129] Garnet to hydrogarnet: effect of post synthesis treatment on cation substituted LLZO solid electrolyte and its effect on Li ion conductivity	FRITSCH, Charlotte
14:05	[147] On the nature of critical compositions of Na _{0.5} Bi _{0.5} TiO ₃ -based lead-free piezoelectrics	Prof. RANJAN, Rajeev

Structure Research: Structure Research III (16:15 - 17:30)

-Conveners: Martin Meven; Anatoliy Senyshyn

time	[id] title	presenter
16:15	[1] Hidden Charge Order in an Iron Oxide Square-Lattice Compound	PEETS, Darren
16:40	[131] Compositional Studies of Metals with Complex Order by means of the Optical Floating-Zone Technique	BAUER, Andreas
17:05	[116] Spin dynamics in Multiferroic Ba ₂ CoGe ₂ O ₇	Dr DUTTA, Rajesh