

MLZ User Meeting & German Neutron Scattering Conference 2020

Tuesday, December 8, 2020

MLZ Users 2020 - Structure Research: Part 1/3 (1:00 PM - 2:30 PM)

-Conveners: Anatoliy Senyshyn; Martin Meven

time	[id] title	presenter
1:00 PM	[71] The hunt for enzyme isoform specific ligand binding: using neutron crystallography to elucidate selective inhibition of carbonic anhydrase by saccharin-based ligands.	FISHER, Zoe
1:40 PM	[226] Interdependent scaling of long-range oxygen and magnetic ordering in non-stoichiometric Nd ₂ NiO _{4.10}	PAULUS, Werner
2:05 PM	[152] Insights into the (de)lithiation mechanism of core-shell layered Li(Ni,Co,Mn)O ₂ cathode materials during cycling	HUA, Weibo

MLZ Users 2020 - Structure Research: Part 2/3 (3:00 PM - 4:40 PM)

-Conveners: Martin Meven; Anatoliy Senyshyn

time	[id] title	presenter
3:00 PM	[217] Characterization of Phosphide-Based Lithium Ion Conductors by Neutron Powder Diffraction	STRANGMÜLLER, Stefan
3:25 PM	[29] Learning from structure solution: An enhanced solid-state Mg electrolyte	HEERE, Michael
3:50 PM	[243] Investigation of orthorhombic and tetragonal phases of Cs ₂ CuCl _{4-x} Br _x mixed system	Prof. VAN WELL, Natalija
4:15 PM	[131] Hybridized crystal field–phonon bound state in cerium-113 compounds	STEKIEL, Michal

MLZ Users 2020 - Structure Research: Part 3/3 (5:10 PM - 6:00 PM)

-Conveners: Martin Meven; Anatoliy Senyshyn

time	[id] title	presenter
5:10 PM	[229] Multiple phase transitions in HoFeO ₃ determined by single crystal neutron diffraction in applied magnetic field	OVSIAKOV, Aleksandr
5:35 PM	[211] Cool Pressure: Implementing cryogenic temperatures at the high-pressure instrument SAPHIR	HOWARD, Christopher