

MLZ User Meeting & German Neutron Scattering Conference 2020

Tuesday, December 8, 2020

MLZ Users 2020 - Materials Science: Part 1/3 (1:00 PM - 2:30 PM)

-Conveners: Ralph Gilles; Michael Hofmann

time	[id] title	presenter
1:00 PM	[165] Development of novel Co-base superalloys for turbine applications by advanced characterization techniques	NEUMEIER, Steffen
1:40 PM	[160] On the Determination of Residual Stresses in AM Lattice Structures	Dr FRITSCH, Tobias
2:05 PM	[155] Neutron PDF for insight into hydration shells around iron oxide nanoparticles	THOMÄ, Sabrina

MLZ Users 2020 - Materials Science: Part 2/3 (3:00 PM - 4:40 PM)

-Conveners: Michael Hofmann; Ralph Gilles

time	[id] title	presenter
3:00 PM	[86] Understanding mechanical behaviour of Nb ₃ Sn superconducting magnet coils by combined neutron diffraction and macroscopic stress strain measurements	SCHEUERLEIN, Christian
3:25 PM	[80] Impact of Sulfur on the melt dynamics of glass forming Ti ₇₅ Ni _{25-x} S _x	WILDEN, Johanna
3:50 PM	[87] Advances in neutron and gamma imaging of lead acid batteries	CAMPILLO, Jose Miguel
4:15 PM	[153] In-operando neutron reflectometry reveals the solid electrolyte interface formation on surface coated silicon based anodes for lithium-ion batteries	SCHAPER, Simon J.

MLZ Users 2020 - Materials Science: Part 3/3 (5:10 PM - 6:00 PM)

-Conveners: Ralph Gilles; Michael Hofmann

time	[id] title	presenter
5:10 PM	[196] Search for vacancies in concentrated solid-solution alloys	Mrs RESCH, L.
5:35 PM	[170] Lithium Quantification in Lithium-Ion Batteries Using Operando Neutron Depth Profiling	LINSENMANN, Fabian