MLZ User Meeting & German Neutron Scattering Conference 2020

Tuesday, 8 December 2020

MLZ Users 2020 - Materials Science: Part 1/3 (13:00 - 14:30)

-Conveners: Ralph Gilles; Michael Hofmann

time	[id] title	presenter
13:00	[165] Development of novel Co-base superalloys for turbine applications by advanced characterization techniques	NEUMEIER, Steffen
13:40	[160] On the Determination of Residual Stresses in AM Lattice Structures	Dr FRITSCH, Tobias
14:05	[155] Neutron PDF for insight into hydration shells around iron oxide nanoparticles	THOMÄ, Sabrina

MLZ Users 2020 - Materials Science: Part 2/3 (15:00 - 16:40)

-Conveners: Michael Hofmann; Ralph Gilles

time	[id] title	presenter
15:00	[86] Understanding mechanical behaviour of Nb3Sn superconducting magnet coils by combined neutron diffraction and macroscopic stress strain measurements	SCHEUERLEIN, Christian
15:25	[80] Impact of Sulfur on the melt dynamics of glass forming Ti75Ni25−xSx	WILDEN, Johanna
15:50	[87] Advances in neutron and gamma imaging of lead acid batteries	CAMPILLO, Jose Miguel
16:15	[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 (17:10 - 18:00)

-Conveners: Ralph Gilles; Michael Hofmann

time	[id] title	presenter
17:10	[196] Search for vacancies in concentrated solid-solution alloys	Mrs RESCH, L.
17:35	[170] Lithium Quantification in Lithium-Ion Batteries Using Operando Neutron Depth Profiling	LINSENMANN, Fabian