

MLZ User Meeting 2023

Monday, 4 December 2023

Material Science: MS I (13:00 - 14:30)

time	[id] title	presenter
13:00	[174] Welcome be Science Group	
13:05	[14] Stabilizing the Li/Li _{1.3} Al _{0.3} Ti _{1.7} (PO ₄) ₃ interface by introducing an ultrathin single-ion conducting interlayer	BRESSER, Dominic
13:40	[119] Charge Relaxation within Silicon/Graphite Anodes – A Multi-Method Study	HOGREFE, Christin
14:05	[156] Neutron depth profiling and GD-OES as tools for characterization of Li plating in Si/graphite anodes from Li-ion battery cells	PIVARNÍKOVÁ, Ivana

Material Science: MS II (15:00 - 16:40)

time	[id] title	presenter
15:00	[128] Analysis of the influence of work hardening on the residual stress state in welded high-alloy steels using diffraction methods	HEMPEL, Nico
15:25	[70] Effects of Cross-Loading on the Material Behaviour	NORZ, Roman
15:50	[126] Revealing the effect of hydrogen on CoNiCr-based superalloys by mechanical characterization, neutron and X-ray diffraction	NAGEL, Oliver
16:15	[99] Rapid thermal cycling of perovskite solar cells	WEGENER, Simon

Material Science: MS III (17:10 - 18:00)

time	[id] title	presenter
17:10	[138] Ammonia Sorbents for Novel Ammonia Synthesis Routes studied using in situ neutron imaging	KUMAR, Richi
17:35	[114] Small Angle Neutron Scattering data driven simulation of chemical diffusion of hydrogen in metal hydrides	MAJUMDAR, Arnab