

German Conference for Research with Synchrotron Radiation, Neutrons and Ion Beams at Large Facilities

Tuesday, 18 September 2018

Parallel session 8: Functional materials and materials science - MW 0001 (14:00 - 15:30)

time	[id] title	presenter
14:00	[6] Lithiation dynamics of graphite anodes investigated by in operando neutron diffraction	Dr SEIDLMEYER, Stefan
14:15	[253] Neutron powder diffraction studies of prismatic Li-ion cell	BARAN, Volodymyr
14:30	[32] Finding the lost lithium with neutron diffraction and physico-chemical modelling	PAUL, Neelima
14:45	[147] Disorder in Zinc-Germanium Oxynitride: a neutron diffraction study	Prof. SCHORR, Susan
15:00	[151] Combined SAXS/SANS studies of functionalized interfaces	UNRUH, Tobias
15:15	[89] Stress induced deformation in piezotronic micro structures studied by X-ray nano diffraction	JORDT, Philipp

Wednesday, 19 September 2018

Parallel session 8: Functional materials - MW 0001 (11:15 - 12:15)

time	[id] title	presenter
11:15	[319] Phonon Lifetimes in the Perovskite Model-Thermoelectric SrTiO ₃	Dr HABICHT, Klaus
11:30	[146] Neutron scattering for sustainable energy materials: investigations of proton dynamics in acceptor-doped barium zirconates	NOFERINI, Daria
11:45	[75] A quasielastic and inelastic neutron scattering study of the alkaline and alkaline-earth borohydrides LiBH ₄ , Mg(BH ₄) ₂ and the mixture LiBH ₄ +Mg(BH ₄) ₂	SILVI, Luca LOHSTROH, Wiebke
12:00	[293] Neutron Depth Profiling and PGAA of Electrodeposited Prussian Blue Analog Thin Film Electrodes	Mr MARZAK, Philipp

Parallel session 8: Functional materials an materials science - MW 0001 (13:45 - 14:30)

time	[id] title	presenter
13:45	[58] Structure and Dynamics in Bulk Metallic Glass forming liquids with minor additions	SZABO, Sandro
14:00	[60] How neutron and synchrotron measurements are aiding Co-Re alloy development for gas turbines and supplementing electron microscopy studies	Dr MUKHERJI, Debashis
14:15	[167] Inelastic Neutron Scattering on FeNiCo High-Entropy Alloys	COSTA, Johannes