

MLZ User Meeting 2023

Monday, 4 December 2023

Neutron Methods: NM I (13:00 - 14:30)

time	[id] title	presenter
13:00	[175] Welcome by Science Group	
13:05	[59] Imaging the Magnetization Process in Silicon Steel using Polarized Neutrons	Dr BACKS, Alex
13:40	[120] Event Mode Neutron Detection for High Spatial and Temporal Resolution Imaging	WOLFERTZ, Alexander
14:05	[121] High-Precision Visual Servoing for the Neutron Diffractometer STRESS-SPEC at FRM II	HOFMANN, Michael

Neutron Methods: NM II (15:00 - 16:40)

time	[id] title	presenter
15:00	[10] Analysis of the noise limit in neutron dark field data	NEUWIRTH, Tobias
15:25	[160] Shape and size distribution of the magnetic domain structure in electrical steel measured with neutron grating interferometry	SEBOLD, Simon
15:50	[35] HYMN – A novel unified toolbox for in-situ magnetic hyperthermia experiments using neutron scattering	DEMBSKI-VILLALTA, Michal
16:15	[108] A Markov Chain Monte Carlo approach to fit Molecular Dynamics simulations to neutron and X-ray diffraction and spectroscopy data on the example of water	Mrs REICH, Veronika

Neutron Methods: NM III (17:10 - 18:00)

time	[id] title	presenter
17:10	[50] Development of a Nested Mirror Optic Array for the Thermal TAS PUMA	Dr MERRITT, Adrian
17:35	[115] Development of low-depolarizing CuTi neutron supermirrors	Dr GOMEZ GUZMAN, Jose Manuel