

MLZ User Meeting 2023

Tuesday, 5 December 2023

Poster Session (14:00 - 17:00)

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[152] Correlating thermoelectric performance with nanostructure of conductive polymer blended with lignin	ANURADHA, ANURADHA	P-001
[38] Effect of pressure on the micellar structure of PMMA-b-PNIPAM in a water/methanol mixture	ALVAREZ HERRERA, Pablo	P-002
[89] Investigation of radiation exposure on organic solar cell for space application	AZZOUNI, Tarek	P-003
[48] The JCNS polarized ^3He group	BABCOCK, Earl SALHI, zahir	P-004
[79] Using polarized ^3He to probe 3-body interactions	BABCOCK, Earl	P-005
[80] Towards Polarized Backscattering with High resolution	BABCOCK, Earl	P-006
[73] Fabrication and Characterisation of Cesium- Formamidinium Lead Iodide Perovskite Quantum Dot Layers	BAIER, Thomas	P-007
[43] A proposal: The next generation of sample environment magnets for the study of strongly correlated electron systems at MLZ	Dr BEDDRICH, Lukas	P-008
[12] A prototype for the backscatter detector system of PERC	BERNERT, Karina	P-009
[68] Comparison of dcMS and HiPIMS Gold Deposition on Polystyrene, Poly-4-vinylpyridine and Polystyrenesulfonicacid	BULUT, Yusuf	P-010
[109] EFFECT OF PEROVSKITE NANOCRYSTAL NUCLEATION SEEDS ON MICROSTRUCTURE AND CRYSTALLIZATION PATHWAYS IN ORGANIC-INORGANIC HALIDE PEROVSKITE THIN FILMS	Mr BUYAN-ARIVJIKH, Altantulga	P-011
[117] Design, construction, and commissioning of a levitated dipole trap for electron-positron pair plasma studies	CARD, Alexander	P-012
[87] Enhanced air stability of Tin Based Perovskite Solar Cells with Quercetin	CI, Xiaojing	P-013
[158] Investigation of the Structure of Organic Solar Cells for Space Application and Degradation Due to Mechanical Stress	Mr DARSOW, Jan	P-014
[111] New RF spin flippers for the MIEZE spectrometer RESEDA	DASKALOV, Pavel	P-015
[131] A buffer-gas trap for the NEPOMUC positron beam: optimization studies with electrons	DELLER, Adam	P-016
[78] Incorporation and localization of magnetic nanoparticles in printed hybrid thin nanoparticle-diblock copolymer films investigated by GISAXS	EVERETTT, Christopher	P-017
[44] 100 kN Testing Machine for In-Situ Neutron Scattering Experiments	FRITTON, Massimo	P-018
[141] A physicochemical study on the role of LPS and CPS on the Lung Surfactant properties	GALLUCCI, Noemi	P-019
[32] Effect of steady state shear on colloidal gelation	GARVEY, Christopher	P-020
[136] Hybridizing plasmonic nanostructures with Quantum Dots	GAVRIILIDOU, Kyriaki Nektaria	P-021
[49] An indirect spectrometer of type Mushroom for the FRM II	Mr TANG, Ran	P-022

[90] Exploring Metal-Insulation for enhanced quench stability in HTS REBCO tape-based coils: a prototype study	GHANATHE, Madhu	P-023
[1] In-situ neutron diffraction and electron microscopy to study deformation mechanisms in Ni-based superalloys	GILLES, Ralph	P-024
[17] KOMPASS – the polarized cold neutron triple-axis spectrometer optimized for polarization analysis	Dr GORKOV, Dmitry	P-025
[147] Biopolymer-Templated Deposition of Hierarchical 3D-Structured Graphene Oxide/Gold Nanoparticle Hybrids for Surface-Enhanced Raman Scattering	GUO, Yingjian	P-026
[153] Slot-die coated cellulose colloid layer	HARDER, Constantin	P-027
[5] Automated sample change systems for thermal powder diffractometers	HAUF, Christoph	P-028
[46] Tuning the Morphology of Biohybrid β-IgG:titania Films with pH for Water-Based and Nanostructured Titania	HEGER, Julian	P-029
[18] Residual stresses in bronze matrix composite surface deposits after laser melting injection	HOFMANN, Michael	P-030
[19] Influence of process parameters on microstructure and residual stress in alloys produced by additive manufacturing.	HOFMANN, Michael	P-031
[57] Materials Science Diffractometer STRESS-SPEC – current status and developments	HOFMANN, Michael Dr GAN, Weimin	P-032
[100] In situ GISAXS printing of biotemplated titania nanostructures	HUBER, Linus	P-033
[15] Thermal and structural stability of lithiated graphite battery anodes	HÖLDERLE, Tobias	P-034
[64] High-resolution powder diffractometer SPODI	HOELZEL, Markus	P-035
[58] PUMA: Thermal neutron three axes spectrometer	PARK, Jitae	P-036
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[74] Devices for Correcting Phase Aberration for Longitudinal MIEZE at RESEDA	JATHO, Luke	P-038
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[26] In situ Grazing-Incidence Small-Angle X-ray Scattering Observation of TiOx Sputter Deposition for Perovskite Solar Cells Application	JIANG, Xiongzhao	P-040
[86] Enhanced stability with Ni²⁺ addition-based perovskite solar cells by slot-die-coating	JIN, Zhaonan	P-041
[39] RESEDA@BOA - or how to successfully build a MIEZE setup in 5 days	JOCHUM, Johanna K.	P-042
[56] Microstructure and texture evolutions of γ-TiAl alloy under hot compression via in-situ diffraction	KEITA, Mohamed Dr GAN, Weimin	P-043
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[36] SANS-1MAX: Massive Q-Range Upgrade	MUEHLBAUER, Sebastian	P-071
[88] Neutron and synchrotron diffraction studies to understand the mechanism and the influence of hydrogen on the microstructure of superalloys.	Dr MUTSCHKE, Alexander	P-072
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[84] Impact of the Environment on the PNIPAM Dynamical Transition Probed by Elastic Neutron Scattering	Dr ROSI, Benedetta Petra	P-085
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