

3rd internal biennial science meeting of the MLZ

Monday, 19 June 2017

Parallel Session: E13 internal meeting - Roof (16:30 - 18:30)

Parallel Session: Material Science - Basement (16:30 - 18:30)

time	[id] title	presenter
16:30	[48] Input for plenary discussions the following days	

Parallel Session: Quantum Phenomena - Small seminar room (16:30 - 18:30)

time	[id] title	presenter
16:30	[46] Input for plenary discussions the following days	

Parallel Session: Softmatter - Large seminar room (16:30 - 18:30)

time	[id] title	presenter
16:30	[49] Input for plenary discussions the following days	

Parallel Session: Structure - Library (16:30 - 18:30)

time	[id] title	presenter
16:30	[47] Input for plenary discussions the following days	

Tuesday, 20 June 2017

Parallel Session: Material Science I - Basement (11:00 - 12:30)

time	[id] title	presenter
11:00	[54] TBD	Dr GAN, Weimin
11:30	[73] Neutron Imaging at the ESS: The ODIN Project	Dr LERCHE, Michael
12:00	[79] Neutron activation analysis (NAA) for the materials investigation: from high-temperature gas turbine to micro electronics	XIAOSONG, Li

Parallel Session: Soft matter I - Large Seminar room (11:00 - 13:00)

time	[id] title	presenter
11:00	[25] Following the Formation of Metal Electrodes for Organic Photovoltaics	Ms LÖHRER, Franziska
11:20	[18] Morphology improvement of ZnO/P3HT-b-PEO bulk heterojunction films by using a low temperature route	WANG, Kun
11:40	[26] Monitoring the swelling behaviour of PEDOT:PSS thin films under high humidity conditions	BIESSMANN, Lorenz
12:00	[29] Manipulating the morphology in printed organic solar cells	Mr PROELLER, Stephan
12:20	[32] Water-processed hybrid solar cells	Dr KÖRSTGENS, Volker
12:40	[4] In-situ studies of thin-film composite reverse osmosis membranes with small-angle neutron scattering during the process of desalination	Dr SCHWAHN, Dietmar

Parallel Session: Workshop on magnet road map (QP) - Roof (11:00 - 12:30)

time	[id] title	presenter
11:00	[86] Horizontal Magnet	Dr SKOULATOS, Markos
11:30	[87] 15 T SANS magnet	MUEHLBAUER, Sebastian
12:00	[88] 25 T Magnet	SCHNEIDEWIND, Astrid

Wednesday, 21 June 2017

Parallel Session: Material Science II - Basement (10:30 - 12:00)

time	[id] title	presenter
10:30	[15] Structural characterization of new VDM-780 Ni-based superalloy by means of X-ray diffraction and Neutron diffraction	SOLIS, Cecilia
11:00	[11] Archaeometrical studies using PGAA and INAA	STIEGHORST, Christian
11:30	[51] Investigation of ordering and disordering of β/β_0 -phase in γ -TiAl alloys by neutron diffraction	Mrs KONONIKHINA, Victoria

Parallel Session: Quantum Phenomena I - Roof (10:30 - 12:00)

time	[id] title	presenter
10:30	[6] Opportunities of the thin film laboratory at MLZ	Dr PÜTTER, Sabine
11:00	[84] Polarized GISANS from lateral correlations of the spin misalignment	Dr KENTZINGER, Emmanuel
11:30	[12] Interfacial properties of NiO/Fe/FePt and Fe/NiO/FePt trilayers probed by x-ray and neutron reflectivity	Dr SYED MOHD, Amir

Parallel Session: Softmatter II - Large seminar room (10:30 - 12:00)

time	[id] title	presenter
10:30	[13] Simultaneous SANS/FTIR to investigate the conformation of polyethylene glycol dimethyl ethers inside a co-crystalline matrix of syndiotactic polystyrene	Dr SCHIAVONE, Maria Maddalena
10:45	[23] Annealing of Diblock Copolymer Thin Films using Solvent Vapor Mixtures	Mr JUNG, Florian
11:00	[17] In-situ neutron reflectivity investigations of D2O-H2O exchange kinetics in thermoresponsive PNIPAM based block copolymer thin films	Mr KREUZER, Lucas
11:15	[21] Diffusion kinetics of H2O and D2O in cross-linked PNIPAM microgel thin films followed with in-situ neutron reflectivity	WIDMANN, Tobias
11:30	[9] Structure visualization for microgel polymer systems adsorbed on a solid substrate	Ms KYREY, Tetyana
11:45	[7] Inner dynamics in adsorbed microgels	Ms WITTE, Judith

Parallel Session: Structure I - Library (10:30 - 12:00)

time	[id] title	presenter
10:30	[83] News from Poli	HUTANU, Vladimir
11:00	[94] HEIDI, instrument status and surprising phase transitions	MEVEN, Martin
11:30	[90] Lithium Distribution inside Li-Ion-Batteries, effect of fatigue/aging	MUEHLBAUER, Martin

Thursday, 22 June 2017

Parallel Session: Quantum Phenomena II - Roof (09:00 - 10:30)

time	[id] title	presenter
09:00	[95] Mapping of spin and lattice excitations in the magnetocaloric compound MnFe ₄ Si ₃	NEMKOVSKIY, Kirill
09:30	[92] UGe ₂	FRANZ, Christian
10:00	[93] TBD	LIU, Benqiong

Parallel Session: Softmatter III - Large seminar room (09:00 - 10:50)

time	[id] title	presenter
09:00	[39] Self-Assembly of Diblock Polythiophene Polyelectrolytes for Organic Photovoltaic Devices	Dr HOUSTON, Judith
09:15	[2] Combining the strengths of Neutrons and Molecular dynamics for the study of bio-membranes	Dr KOUTSIOUMPAS, Alexandros
09:30	[19] Printed nanostructured polymer films embedded with magnetic nanoparticles	Mr XIA, Senlin
09:45	[34] Flexible nanoporous titania/silica hybrid electrodes for lithium-ion batteries	Dr METWALLI, Ezzeldin
10:00	[14] Aging in Li-ion cells examined with neutron diffraction, electrochemical analysis and physico-chemical modeling	PAUL, Neelima
10:15	[42] Morphological investigations on thermoelectric thin films based on a PEDOT:PSS/Si-NP nano composite using tender x-ray scattering	Mr SAXENA, Nitin

Parallel Session: Structure II - Basement (09:00 - 10:30)

time	[id] title	presenter
09:00	[96] Diffraction Based Determination of Single Crystalline Elastic Constants on Polycrystalline Alloys	HELDMAN, Alexander
09:30	[97] Discussion: Future of neutron structure determination	

Parallel Session: Newly arrived personel - Large seminar room (10:50 - 11:30)

time	[id] title	presenter
10:50	[62] TBD	DICKMANN, Marcel
10:55	[67] TBD	Dr SKOULATOS, Markos
11:00	[1] Novel Reflection High-energy Positron Diffractometer at NEPOMUC	Mr DODENHÖFT, Matthias
11:05	[58] TBD	SINGER, Markus
11:10	[60] TBD	SCHMIDBAUER, Josef
11:15	[61] TBD	MITTENEDER, Johannes
11:20	[8] Comparison of heavy ion and in-pile irradiation induced IDL growth in UMo/Al fuels	SHI, Jingyi