

Draft programme

Monday 07. 07. 2014

10:00		Registration and coffee, lunch break at 12:00	
13:30		Opening remarks	H. Dosch
		Session 1	<i>Chair: C. Thompson</i>
14:00	I-1	Magnetic proximity effect in cuprate-high- T_c /manganite multilayers as seen with polarized neutron reflectometry and resonant x-ray techniques	C. Bernard
14:40	C-1	Nuclear GISAXS Superstructure Peaks for Characterization of Antiferromagnetically Ordered Nanostripes	L. Dzemiantsova
15:00	C-2	X-ray observation of the temperature-induced coexistence of a conducting bilayer and	R. Magalhaes-Paniago
15:20		<i>Coffee break</i>	
		Session 2	<i>Chair: A. Schreyer</i>
15:50	I-2	Is Neutron Spin Echo a useful technique for studying the structure of interfaces?	R. Pynn
16:30	C-3	Ions and the structure of confined fluids - an X-ray reflectivity study	S. Liuzzi
16:50	C-4	Probing atomic charges at the electrochemical interface through Resonant Surface X-Ray diffraction	Y. Grunder
17:10	C-5	Interfacial Structure and Dynamics of Ionic Liquid Solutions	M. Mezger
18:00		<i>Welcome Party</i>	
20:00		Public lecture (<i>chair: W. Press</i>) "Shaken, not stirred!" James Bond in the focus of physics	M. Tolan

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Tuesday, 08.07.2014

		Session 3	<i>Chair: S. Sinha</i>
09:00	I-3	Growth mechanism of germanium inverted-quantum-hut in Si-Ge superlattice	M.K. Sanyal
09:40	I-4	Natural and Synthetic Lipid Bilayers Structural Characterization: the Impact of Deuteriation	G. Fragneto
10:20		<i>Coffee break</i>	
		Session 4	<i>Chair: I. Robinson</i>
10:50	C-6	Soft Matter in Hard Confinement: How molecules arrange in, and huddle through nanoporous Solids	T. Hofmann
11:10	C-7	Crinkling of Supported Nanoparticle Monolayers to Lateral Stress	B. Lin
11:30	C-8	Heat-induced adsorption and desorption of proteins at solid-liquid interfaces	I. Kiesel
11:50	I-5	Biomimetic surfaces for membrane bound protein structural and functional studies	M. Cárdenas
12:30		<i>Lunch break</i>	
		Session 5	<i>Chair: H. Zabel</i>
14:00	I-6	Probing nanoscale magnetism with soft x-rays	F. Radu
14:40	I-7	Creation and measurement of non-collinear magnetic structures based on exploiting interfacial effects	D. Cortie
15:20	C-9	Electric field-induced oxidation of ferromagnetic/ferroelectric interfaces	K. Temst
15:40	C-10	Nuclear Resonant GISAXS on Ordered Magnetic Nanostructures with Tilted Surfaces	K. Schlage
16:00		Poster session	
18:30		<i>Transfer to Dinner</i>	
19:00		<i>Dinner at Gröninger beer cellar</i>	

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Wednesday, 09.07.2014

		Session 6	<i>Chair: J Daillant</i>
09:00	I-8	Interfacial transport of ions from aqueous to organic phases	M. Schlossman
09:40	I-9	Structural studies on electrode/electrolyte interface for lithium battery by surface X-ray scattering and neutron reflectivity methods	R. Kanno
10:20		<i>Coffee break</i>	
		Session 7	<i>Chair: J. Ankner</i>
10:50	C-11	Surface sensitive scattering from solid-liquid interfaces on TOF instruments	M. Wolff
11:10	C-12	X-ray and Neutron Scattering Investigations of Interaction of Alzheimers Related Tau Proteins with Lipid Membranes	J. Majewski
11:30	C-13	The Structure of Liquid/Liquid Interfaces	B. Ocko
11:50	I-10	Intercalation behavior in multilayer battery electrodes	T. Fister
12:30		<i>Lunch break</i>	
		Session 8	<i>Chair: H. Kim</i>
14:00	C-14	In-Situ Neutron Reflectometry during Thin Film Growth by Sputter Deposition	W. Kreuzpaintner
14:20	C-15	In situ X-ray Measurements during Off-Normal Sputter Deposition of VN	B. Krause
14:40	C-16	Study of Lipid Coating on Titanium Surfaces by X-ray and Neutron Scattering Technique	M. Golub
15:00		Poster session 2	
17:30		<i>Sightseeing tour and transfer to dinner</i>	
19:00		<i>Dinner on board M/S River Star (ship tour through Hamburg harbour)</i>	

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Thursday, 10.07.2014

		Session 9	<i>Chair: I. Vartianants</i>
09:00	I-11	X-Ray Free Electron Laser Studies of Dynamics of Nanoparticles in Entangled Polymer Melts	H. Kim
09:40	I-12	X-ray studies of Nanoscale Capillary Dynamics	O. Shpyrko
10:20		<i>Coffee break</i>	
		Session 10	T. Salditt
10:50	C-17	Phonons in Exotic Europium Nanophases: Disentangling Oxidation, Strain and Surface Phenomena	S. Stankov
11:10	C-18	Imaging of a single InP nanowire using x-ray Bragg ptychography and coherent diffractive imaging	D. Dzhigaev
11:30	C-19	Structural Properties of Semicrystalline Polymer Films Studied by Nanofocused Diffraction	R. Kurta
11:50	I-13	High-energy surface X-ray diffraction applied to model catalysis	J. Gustafson
12:30		<i>Lunch break</i>	
		Session 11	<i>Chair: M. Bedzyk</i>
14:00	I-14	Graphene on a metal studied by in situ X-ray scattering: structure and preparation of advanced systems	J. Coraux
14:40	C-20	Structure of graphene / Ir(111) supported platinum clusters	D. Franz
15:00	C-21	In-situ GISAXS: Real-time monitoring of mesocrystal growth	E. Josten
15:20		<i>Coffee break</i>	
		Session 12	<i>Chair: B. Ocko</i>
15:50	C-22	In-situ CO Oxidation Study of MgAl ₂ O ₄ (001)-supported Pt ₃₃ Rh ₆₇ Alloy Nanoparticles	U. Hejral
16:10	I-15	Defects in semiconductor nanowires - individual structure and growth dynamics	A. Biermanns
16:50		<i>Best poster award ceremony & best poster talk</i>	
17:10		<i>Closing remarks</i>	