



Programme

09:00 Welcome: Winfried Petry (Scientific Director of the FRM II)		
Time	Speaker	Title
9:30	Tobias Schrader, JCNS	<i>Small angle neutron scattering on light controlled aggregation and disassembly of amyloid like structures</i>
9:50	Bert Nickel, LMU	<i>Asymmetric lipid distribution in supported bilayers and cell adhesive coatings</i>
10:10	Luigi Paduano, Univ. of Naples	<i>A new class of potential antineoplastic agents based on ruthenium amphiphilic nanostructures</i>
10:30 Coffeebreak		
11:00	Joachim Wuttke, JCNS	<i>Relaxation in protein surface water near the resolution limit of neutron spectroscopy</i>
11:20	Didier Blanchard, DTU Risø	<i>Hydrogen rotational and translational diffusion in calcium borohydride from quasielastic neutron scattering and DFT calculations</i>
11:40	Tobias Gutberlet, TUM cbm	<i>Hydration Mechanisms of Ultra High Performance Concrete</i>
12:00	Michael Loewenhaupt, TU Dresden	<i>Competing magnetic structures in Er_2PdSi_3</i>
12:20 Lunch		
13:30	Jens Gibmeier, KIT	<i>Bridging the gap between synchrotron and neutron diffraction for non destructive surface residual stress analysis</i>
13:50	Markus Hoelzel, TU Darmstadt	<i>Neutron diffraction on functional materials under electric fields and mechanical load</i>
14:10	Axel Griesche, BAM	<i>In-situ observation of hydrogen diffusion in iron using neutron radiography</i>
14:30	Wolfgang Sprengel, TU Graz	<i>In-situ probing of fast defect annealing in Cu and Ni with a high-intensity positron beam</i>
14:50 Coffeebreak		
15:20	Peter Müller-Buschbaum, TUM	<i>Tailoring hybrid solar cell nanostructures with insights from advanced neutron scattering</i>
15:40	Bastian Märkisch, Univ. Heidelberg	<i>PERC - a clean, bright and versatile source of neutron decay products</i>
16:00	Yury Khaydukov, FLNP JINR	<i>Waveguide-enhanced polarized neutron reflectometry: a new approach in the study of magnetic proximity effects</i>
16:20	Semih Ener, TUM	<i>Phonon properties of Ni-Mn-Ga shape memory alloys</i>
16:40 Summary and conference photo		
17:00-20:00 Postersession		