

MCNSI7, Prague, 23-24 July 2011

Program

Saturday 23 July 2011			
14:15	14:30	J. Šaroun, K. Lefmann	<i>Welcome</i>
14:30	14:55	Peter Willendrup	<i>New developments in the McStas simulation package</i>
14:55	15:20	Klaus Lieutenant	<i>VITESS 2.10</i>
15:20	15:45	Jan Šaroun	<i>Optimization of crystal and TOF powder diffractometers with RESTRAX</i>
15:45	16:45	<i>COFFEE BREAK + POSTERS</i>	
16:45	17:05	Kim Lefmann	<i>Propagation of neutron polarization in McStas</i>
17:05	17:25	Linda Udby	<i>McStas-model of the Delft SE-SANS</i>
17:25	17:45	Alexander Ioffe	<i>Neutron polarization in VITESS: simulations of spin handling components and spin-echo based instruments</i>
17:45	18:05	Geza Zsigmond	<i>Technical aspects of simulation of storable neutrons in inhomogeneous and RF magnetic fields</i>
Sunday 24 July 2011			
09:00	09:20	Emmanuel Farhi	<i>Optimizing MC simulations</i>
09:20	09:40	Morten Sales	<i>Thermal Powder Diffractometers at long pulse sources</i>
09:40	10:00	Tilo Seydel	<i>Neutron optics simulations for the new backscattering spectrometer IN16B</i>
10:00	11:00	<i>COFFEE BREAK+ POSTERS</i>	
11:00	11:20	Kaspar Hewitt Klønø	<i>Systematic Performance Study of Common Neutron Guide Geometries</i>
11:20	11:40	Nikolaos Tsapatsaris	<i>Chopper optimisation and fault detection in the future Time Of Flight NEAT instrument using MC. What the analytics cant see ...</i>
11:40	12:00	Mancinelli Rosaria	<i>Multiple scattering corrections. Some general equations to do fast evaluations.</i>
12:00	12:20	<i>Closing discussions</i>	
POSTERS			
P1		Andreas Houben	<i>Elliptic Neutron Guides with Octagonal Cross Section - Concept and Simulation Results for the POWTEX Instrument</i>
P2		Raul Victor Erhan	<i>Monte Carlo simulations of neutron optical elements for a SANS spectrometer at the IBR-2M pulsed reactor</i>
P3		Britt Rosendahl Hansen	<i>Determination of neutronic performance from cold and thermal moderators from MC simulations</i>
P4		Jonas Okkels Birk	<i>Realistic simulations of absolute intensities for all neutron guides at PSI</i>