

Baltic School on Application of Neutron and Synchrotron Radiation in Solid State Physics and Material Science (BSANS-2012)

1st to 4th October 2012, Riga, Latvia

Place: University of Latvia, Maza Aula, 2nd floor, 19 Rainis boulevard

Conference program

Monday, October 1	
8:30-9:00	Registration
9:00-9:10	Opening
9:10-9:30	LU Rector
9:30-10:30	Helmut Schober, "PRESENT TRENDS IN NEUTRON SPECTROSCOPY"
10:30-11:00	<i>Coffee Break</i>
11:00-12:00	Arno Hiess, "MAGNETISM AND SUPERCONDUCTIVITY AS SEEN BY NEUTRONS"
12:00-14:00	<i>Lunch</i>
14:00-15:00	Jorg Pieper, "PROTEIN AND HYDRATION WATER DYNAMICS IN PHOTOSYNTHETIC COMPLEXES STUDIED BY NEUTRON SCATTERING"
15:00-16:00	Robert Cubitt, "GENERAL INTRODUCTION TO SMALL ANGLE NEUTRON SCATTERING (SANS)"
16:00-18:00	<i>Refreshments & Posters</i>
Tuesday, October 2	
9:00-10:00	Anatoly Balagurov, "STRUCTURAL STUDIES OF SINGLE CRYSTALS AND POWDERS AT PULSED NEUTRON SOURCES"
10:00-11:00	Jiri Kulda, "NEUTRON TRIPLE-AXIS SPECTROSCOPY: FROM LARGE SINGLE CRYSTALS TO NANOSCALE SYSTEMS"
11:00-11:30	<i>Coffee Break</i>
11:30-12:30	Emanuel Schneck, "NEUTRON REFLECTOMETRY: PRINCIPLES AND APPLICATIONS"
12:30-14:00	<i>Lunch</i>
14:00-15:00	Joerg Zimmermann, "STORAGE PHOSPHORS: AN ALTERNATIVE FOR 2-DIMENSIONAL RADIATION IMAGING"
15:00-16:00	Yuri Zhukovskii, "AB INITIO SIMULATIONS ON PERFECT AND DEFECTIVE INORGANIC NANOTUBES AND NANOWIRES"
16:00-18:00	<i>Coffee & Posters</i>
Wednesday, October 3	
9:00-10:00	Juris Purans, "X-RAY ABSORPTION STUDIES OF LOCAL STRUCTURE WITH FEMTOMETER ACCURACY"
10:00-11:00	Andrei Rogalev, "HARD X-RAY MAGNETIC CIRCULAR DICHROISM: APPLICATION TO SPINTRONICS MATERIALS"
11:00-11:30	<i>Coffee Break</i>
11:30-12:30	Sebastian Vielhauer, "OPTICAL SPECTROSCOPY OF LUMINESCENT MATERIALS USING SYNCHROTRON RADIATION"
12:30-14:00	<i>Lunch</i>
14:00-15:00	Philipp Gutfreund, "OFF-SPECULAR NEUTRON AND X-RAY REFLECTOMETRY"
15:00-16:00	Max Wolff, "GRAZING INCIDENCE SCATTERING"
16:00-17:00	Ergo Nommiste, "THE SCIENTIFIC OPPORTUNITIES OF ESTONIAN-FINNISH BEAMLIN AT 1.5 GEV MAX-IV STORAGE RING"
17:00-17:20	Closing
17:20-18:00	<i>Coffee & Refreshments</i>
Thursday, October 4	
9:00-10:30	Visit to Institute of Solid State Physics
10:30-15:00	Excursion to Rundale Palace