

Tuesday, October 7, 2014

Link Scattering			Chair: U. Garbe
08:30 – 08:40		E. Lehmann	Announcements
08:40 – 09:00	0	Chr. Rüegg	Opportunities for Neutron Imaging and Scattering at SINQ and at Future Neutron Sources
09:00 – 09:20	123	G. Iles	Laue Diffraction Using Scintillator Detectors
09:20 – 09:40	112	S. Peetermans	Energy-selective neutron imaging for three-dimensional non-destructive probing of crystalline structures in metals
09:40 – 10:00	183	F. Grazzi	Towards a Really Quantitative Phase Analysis through Neutron Tomography: Open Questions still to be solved
10:00 – 10:20	118	N. Kardjilov	Imaging with cold neutrons at CONRAD-2
10.20 – 11:00		COFFEE	
Detectors			Chair: Y. Saito
11:00 – 11:20	12	A. Hanu	Design of a THick Gas Electron Multiplier Based Neutron Imaging Detector
11:20 – 11:40	36	P. Trtik	Extending the Spatial Resolution of Neutron Imaging Facilities at PSI - The Neutron Microscope Project
11:40 – 12:00	124	D. Hussey	Design of Neutron Microscope Objectives
12:00 – 12:20	161	K. Mochiki	Development of a New High-Frame-Rate Camera for Pulsed Neutron Transmission Spectroscopic Radiography
12:20 – 12:40	41	J. Kettler	Compact Neutron Imaging System for Radioactive-waste Analysis (NISRA)
12:40 – 12:50			Presentation candidates
Thematic Workshop 1			Chair: E. Lehmann / P. Trtik
Camera based Imaging Detectors			
14:00 – 17:00	Thematic Workshop 1		
Applications			Chair: D. Penumadu
17:00 – 17:20	15	R. Adams	Development of a 2D fast neutron tomography system based on a D-D neutron generator and a plastic scintillator array
17:20 – 17:40	42	M. Schumann	Detector Development for Neutron Imaging System for Radioactive-Waste Analysis (NISRA) with 14 MeV Neutrons
17:40 – 18:00	102	R. Taniguchi	A Trial to Natural Neutron Radiography
18:00 – 18:20	143	M. Lerche	Bright Flash Neutron Radiography at the McClellan Nuclear Research Reactor
18:20 – 18:40	156	I. Mor	Evaluation of Elemental Composition in Pulsed Fast Neutron Radiography and Spectroscopy
18:40 – 19:00		Break	
19:00 – 19:20	23	P. Andersson	Neutron tomography using mobile neutron generators for thermal-hydraulic test loops
19:20 – 19:40	57	C. Gervais	Neutron tomography as a non-invasive technique to assess dechlorination treatments of archeological iron artefacts
19:40 – 20:00	96	T. Shinohara	Construction of Energy-Resolved Neutron Imaging System at J-PARC MLF
20:30		Dinner	