

Students' Workshop

22nd & 23rd September 2016

Thursday, 22 th September – Students' Workshop – ILL 4 Seminar Room		
Session 1: chair Aljosa Hafner (ILL)		
13:45 – 14:00	Welcome & Introduction	Patrick Bruno, ESRF
14:00 – 14:15	Inelastic Neutron Scattering study on the location of Brønsted acid sites in zeolites	Christian Buch (ILL), University of Copenhagen
14:15 – 14:30	SAXS-analysis of DMPC-liposomes	Victoria Bjørnstad (ESRF), University of Oslo
14:30 – 14:45	Structure and dynamics of aqueous polyelectrolyte/surfactant mixtures	Pietro Vahramian (ILL), University of Milano
14:45 – 15:00	Extraction of thin film thicknesses from XRR measurements of polymer brushes on silicon	Leon Merten Lohse (ILL), Georg-August Universität
15:00 – 15:15	Investigating Amphotericin B interaction with a Lipid Bilayer using a QCM-D approach	Maurycy Prystupa (ILL), University of Bristol
15:15 – 15:45	<i>Coffee break</i>	
Session 2: chair Kristjan Kuhlmann (ILL)		
15:45 – 16:00	LabVIEW control of ultracold neutron scattering experimental conditions	George Chappell (ILL), University of Bath
16:00 – 16:15	Variation of the lattice parameter in GaAs single crystals	Joanna Lis (ILL), University College London
16:15 – 16:30	Self-shadowing correction for time of flight spectroscopy analysis	Emma Simpson Dore (ILL), University College London
16:30 – 16:45	Monte Carlo Simulations of Dose Depositions for Microbeam Radiation Therapy	Lara Maria Bartels (ESRF), Georg-August-Universität Göttingen
16:45 – 17:00	A study of the South African ornithomimosaur Nqwebasaurus thwazi using propagation phase contrast synchrotron microtomography	Viktor Radermacher (ESRF), University of Witwatersrand

Friday, 23th September – Students' Workshop – Chadwick Amphitheatre

Session 3: chair Alexei Bosak (ESRF)

09:00 – 09:15	Measurement of phonons in Ba ₈ Zn ₆ Ge ₄₀ via inelastic neutron scattering	Andrés Díez Carlón (ILL), Universidad de Oviedo
09:15 – 09:30	Measurement of phonons in Ba ₈ Zn ₆ Ge ₄₀ via inelastic neutron scattering	Matias Janvin (ILL), University of Oxford
09:30 – 09:45	Phonon and phonon-like excitations in KNbO ₃	Anastasia Ragulskaya (ESRF), Moscow State University
09:45 – 10:00	Vibron States in CePd ₂ Al ₂	Markus Reinert (ILL), Ludwig Maximilians Universität München
10:00 – 10:15	XMCD-study of chiral magnets	Irina Safiulina (ESRF), Petersburg Nuclear Physics Institute
10:15 – 10:45	Coffee break	

Session 4: chair Martha Brennich (ESRF)

10:45 – 11:00	(CH ₃ NH ₃)PbI ₃ HP experiment with Ar, He and N ₂ as PTM	Eleonora Polini (ESRF), Universita di Roma La Sapienza
11:00 – 11:15	High Resolution Mapping of Suspended MWCNT	Andrea Callarelli (ESRF), Royal Holloway University of London
11:15 – 11:30	In situ High-Energy X-Ray Diffraction Measurement of Biomass	Pablo Martinez (ESRF), Universidad de Valencia
11:30 – 11:45	Structural study of a red fluorescent protein	Bianka Kohegyi (ESRF), Budapest University of Technology
11:45 – 12:00	Radiation damage in BioSAXS: the effect of capillary size	Tomer Cohen (ESRF), Hebrew University of Jerusalem
12:00 – 12:15	Closing remarks	Paul Steffens, ILL