

SCIENCE AND STUDENTS DAYS 2007

Monday October 1st, 2007

08:30	Bus departure from the ESRF	
08:30-10:00	Travel to Autrans	
10:00-10:30	Registration / Welcome Coffee	
10:30-10:40	Opening remarks – Bill Stirling	
10:40-11:00	Update on Upgrade Programme – Ed Mitchell	
STUDENTS DAY		
Session 1 Chair: Sine Larsen		
11:00-11:20	Coupled crystallographic and spectroscopic studies of new fluorescent biomarkers	Virgile Adam Macromolecular Crystallography
11:20-11:40	Absorption correction based on a 3D model reconstruction from visual images	Ricardo Leal Macromolecular Crystallography
11:40-12:00	Aggregation and degradation of Bombyx mori silk	Anne Martel Soft Condensed Matter
12:00-12:20	Investigation of structural-reactivity behaviour of supported nanoparticles by simultaneous time-resolved energy dispersive EXAFS, IR, mass spectrometry	Anna Kroner X-Ray Absorption & Magnetic scattering
12:20-12:40	Quantitative evaluation of phase retrieval methods and new applications of holotomography	Max Langer X-ray Imaging
13:00-14:20	Lunch	
Session 2 Chair: Francesco Sette		
14:20-14:40	Inelastic X-ray scattering from polycrystalline materials	Irmengard Fischer High Resolution & Resonance Scattering
14:40-15:00	Out-of-equilibrium dynamics of self-propelled particles	Davide Loi Theory
15:00-15:20	Dynamics of nano-particles in a supercooled liquid	Chiara Caronna Soft Condensed Matter
15:20-15:40	In-situ pulsed laser deposition of thin films	Paul Tinnemans Materials Science
15:40-16:00	Cu electrodeposition on GaAs	Yvonne Gruender Surface & Interface Science
16:00-16:30	Coffee Break	
16:30-17:30	Poster Clips Chair: William G. Stirling	
17:30-19:30	Poster Session 1 with aperitif	
19:30-21:00	Dinner	
21:00-23:00	Posters and aperitif (continued)	

SCIENCE DAY**Tuesday October 2nd, 2007**07:30-09:00 **Breakfast****Session I**
Chair: Till H. Metzger09:00-09:40 Grazing incidence scattering from soft surfaces **Oleg Konovalov**09:40-10:20 Surface and interface studies using high energy X-rays **Diego Pontoni**10:20-11:00 Imaging with standing waves **Jorg Zegenhagen**11:00-13:00 **Poster Session 2 with Coffee**13:00-14:30 **Lunch****Session II**
Chair: Christian Riekell14:30-15:15 New scientific results with synchrotron based imaging **José Baruchel**15:15-16:00 Optimal data collection strategies for macromolecular crystallography based on statistical modelling **Alexander Popov**16:00-16:30 **Coffee Break****Session III**
Chair: José Goulon16:30-17:15 New Science with Nuclear Resonant Scattering **Rudolf Rüffer**17:15-18:00 Electric field control of the critical temperature of a superconductor thin film: an in-situ soft X-ray absorption and transport study **Julio Cezar**18:00-18:20 **Summary & Conclusion**

18:30 Bus departure to Grenoble