MAX-PLANCK-UBC CENTRE FOR QUANTUM MATERIALS

International Summer School on Surfaces and Interfaces in Correlated Oxides. August 29th – September 1st, 2011 301 Hugh Dempster Pavilion, 6245 Agronomy Road, Vancouver, BC V6T 1Z4

Postdoc/PhD talks

Simone Altendorf Oxygen off-stoichiometry and phase separation in EuO thin films

Fabien Trousselet Magnetic properties and effects of spin vacancies in the Kitaev-Heisenberg model

Suman Hossain Spectro-microscopy and scattering on manganites: intergrowths, competing orders and glassy state

Posters

Andrew Achkar Electronic Structure Modulations in the Stripe Phase of Cuprate Superconductors

Patrick Audehm XMCD and XRMR investigation of pinned moments, L and S, in exchange bias systems

Philipp Bach Analysis of electrochemically inserted Lithium in model electrode materials

Götz Berner Valence Band Analysis of LaAlO₃/SrTiO₃ Oxide Heterostructures using Hard X-ray Photoelectron Spectroscopy

Laura Foglia Coherent phonons: An ultrafast probe of the VO₂ phase transition

Alex Fraño X-ray resonant scattering of novel ordered states in LaNiO₃/LaAlO₃ superlattices

Nicolas Gauquelin Applications of Aberration-Corrected STEM and EELS in the study of interfaces of layered compounds of complex oxides

Junghwa Kim Polarized neutron reflectivity study of La_{0.7}Sr_{0.3}MnO₃/SrRuO₃ superlattices

Patrick Kirchmann Femtosecond time- and angle-resolved photoemission spectroscopy for the study of the ultrafast electron dynamics of correlated

materials

Toshinao Loew 3D vs. 2D spin orders in underdoped YBCO

Yulia Matiks Dimensionality-Controlled Collective Charge and Spin Order in Nickel-Oxide Superlattices

Daniela Nolle Structural and magnetic deconvolution of FePt/FeO_x nanoparticles using X-ray magnetic circular dichroism

Daniel Pröpper Isovalent substitution on the Fe site - an optical study on iron pnictides

Meng Wu Orbital Polarization in LaNiO₃-RXO₃ (R=La, Dy;X=Al, Ga, Sc) Investigated by Resonant X-ray Reflectivity