

Monday 25th June

09:30	09:45		Welcome - Laurent Chapon, Diamond Light Source
Session Chair: Jeroen van den Brink			
09:45	10:15	Invited	Tom Devereaux, Stanford University Doping and Material Dependence of Spin and Charge Excitations Via RIXS Studies of Cuprates
10:15	10:45	Invited	Christian Schüßler-Langeheine, Helmholtz Zentrum Berlin Low-temperature decay of stripe order in layered nickelates
10:45	11:15	Invited	Mark Dean, Brookhaven National Laboratory RIXS/REXS studies of charge ordered, heterostructured and photo-excited Mott insulators
11:15	11:45		Break
Session Chair: Takami Tohyama			
11:45	12:15	Invited	Jun Okamoto, National Synchrotron Radiation Research Centre Coulomb correlation evolves across spin-state transition in LaCoO ₃
12:15	12:35		Atsushi Hariki, TU Wien Excitonic dispersion of the intermediate-spin state in LaCoO ₃ revealed by resonant inelastic X-ray scattering
12:35	12:55		Piter Miedema, DESY Excited-state RIXS of Cobaltates
12:55	13:15		Michael Baker, University of Manchester Radiolysis in RIXS: Challenges for Study of Molecular Systems
13:15	14:30		Lunch
Session Chair: Mark Dean			
14:30	15:00	Invited	Yingying Peng, University of Illinois Evolution of the magnetic excitations spectra in high Tc cuprates
15:00	15:30	Invited	Wei-Sheng Lee, Stanford University RIXS studies of CDW and charge excitation in cuprates
15:30	15:50		Takami Tohyama, Tokyo University of Science Spin and charge excitations along the direction perpendicular to charge stripes in cuprates
15:50	16:10		Claude Monney, University of Fribourg Coupled Cu and Mn charge and orbital orders in YBa ₂ Cu ₃ O ₇ /Nd _{0.65} (Ca _{1-y} Sr _y) _{0.35} MnO ₃ multilayers
16:10	16:30		Break
Session Chair: Tom Devereaux			
16:30	17:00	Invited	Krzysztof Wohlfeld, Faculty of Physics, University of Warsaw Collective orbital excitations in RIXS on quasi-2D iridates and
17:00	17:30	Invited	Jungho Kim, Advanced Photon Source, Argonne National Laboratory Low-lying magnetic excitations in spin-orbit coupled iridates : state of the art sub-10 meV RIXS spectrometer
17:30	17:50		Namrata Gurung, Paul Scherrer Institute (PSI) Direct observation of electron density reconstruction at the metal-insulator transition in NaOsO ₃
17:50	18:10		Nikolay Bogdanov, FKF MPI Stuttgart New superexchange paths due to breathing-enhanced hopping in corner-sharing cuprates
18:10	18:30		Keith Gilmore, ESRF Probing the electronic structure of SrVO ₃ through V-L and O-K RIXS
18:30	20:00		Poster Session (including drinks and light buffet)

Tuesday 26th June

Session Chair: Thorsten Schmitt			
09:00	09:30	Invited	Kejin Zhou, Diamond Light Source The ultra-high energy resolution RIXS facility at Diamond Light Source
09:30	10:00	Invited	Valentina Bisogni, Brookhaven National Laboratory Newly found electronic diffraction peaks in La ₅ /3Sr ₁ /3CoO ₄ by Co L-edge resonant x-ray scattering and a status update of the SIX beamline (NSLS-II)
10:00	10:30	Invited	Di-Jing Huang, National Synchrotron Radiation Research Centre High-Resolution Soft X-Ray RIXS at Taiwan Photon Source
10:30	11:00		Break
Session Chair: Di-Jing Huang			
11:00	11:30	Invited	Kurt Kummer, European Synchrotron Radiation Facility Soft X-ray RIXS as a powerful probe of low energy magnetic and orbital excitations in the lanthanides
11:30	11:50		Hlynur Gretarsson, DESY IRIXS: An Intermediate X-Ray Energy RIXS at P01, DESY.
11:50	12:10		Klaus Lieutenant, Helmholtz-Zentrum Berlin The new end-station PEAXIS at BESSY II combining Q-dependent RIXS and ARPES measurements
12:10	12:30		Florian Döring, Paul Scherrer Institute (PSI) Combining Resonant Inelastic X-ray Scattering (RIXS) with x-ray imaging using a new zone-plate analyser setup
12:30	13:30		Lunch
Session Chair: Krzysztof Wohlfeld			
13:30	14:00	Invited	Jeroen van den Brink, IFW Dresden Resonant Inelastic X-ray Scattering on high Tc cuprates and magnetic iridates
14:00	14:30	Invited	James Vale, University College London Hard X-ray RIXS beyond iridates
14:30	14:50		Jun Miyawaki, University of Tokyo Dzyaloshinskii-Moriya Interaction in α-Fe ₂ O ₃ Measured by RIXS-MCD and Upgrade of SPring-8 BL07LSU
14:50	15:10		Hebatalla Elnaggar, Utrecht University Dynamical local correlations in Magnetite revealed by Fe 2p _{3d} RIXS MCD
15:10	15:30		Javier Fernandez-Rodriguez, Diamond Light Source Effect of intermediate valence in the x-ray spectra of gregite (Fe ₃ S ₄)
15:30	16:00		Break
Session Chair: Wei-Sheng Lee			
16:00	16:30	Invited	Thorsten Schmitt -PSI Ultrafast dynamics of the short ranged antiferromagnetic fluctuations in CuGeO ₃ by laser pump - RIXS probe
16:30	17:00	Invited	Stefan Neppi, University of Potsdam The Heisenberg RIXS instrument at the European XFEL: towards time and momentum-resolved RIXS at the transform limit
17:00	17:20		Thorsten Hesjedal, University of Oxford Taking Skyrmion Lattices for a Spin
17:20	17:40		Vladimir Hinkov, University of Wuerzburg Resonant reflectivity and XMCD in topological Systems
17:40	18:00		Hsiao-Yu Huang, National Synchrotron Radiation Research Centre Electronic excitations of multiferroic compounds (Fe _{1-x} Znx) ₂ Mo ₃ O ₈
18:00	18:20		Andrey Geondzhian, ESRF Implicit spectral function approach to vibrational contributions in RIXS
18:30	18:50		Bus departure to Cosener's House
19:00	21:30		Workshop Dinner

Wednesday 27th June

Session Chair: Christian Schüßler-Langeheine			
09:00	09:30	Invited	Claudio Mazzoli, Brookhaven National Laboratory CDW return point memory effects in LBCO: unexpected results on the interplay of lattice and electronic degrees of freedom revealed by soft XPCS measurements
09:30	10:00	Invited	Nicola Jaouen, SOLEIL Synchrotron Soft x-ray (coherent) scattering for magnetic studies
10:30	11:00	Invited	Jonathan Pelliciar, Massachussets Institute of Technology Resonant X-ray Studies of Electronic orders in Quantum Solids
11:00	11:30		Break
Session Chair: Valentina Bisogni			
11:30	11:50		Yoshihisa Harada, ISSP, The University of Tokyo RIXS study on hydrogen bonding network of water at interfaces
11:50	12:10		Hakuto Suzuki, Max Planck Institute for Solid State Research Observation of single magnon dispersion in an antiferromagnetic honeycomb ruthenate SrRu ₂ O ₆
12:10	12:30		Andrea Amorese, Max Planck Institute for Chemical Physics of Solids (MPI CPFS) The crystal-field potential of CeRu ₄ Sn ₆ and SmB ₆ studied with soft-RIXS
12:30	12:50		Hidenori Fujiwara, Osaka University Resonant Inelastic X-ray Scattering on Half-metallic Ferrimagnet Mn ₂ VAl
12:50	13:10		Hannah Robarts, University of Bristol Anomalously damped magnetic excitations in La _{2-x} Sr _x CuO ₄
13:10	13:30		Closing
13:30			Lunch