

Daily Program

Monday, 4 July 2016

Plenary Opening (Audimax F30) Chair: Catalin Miron (Honorary Secretary of VUVX ISC), ELI, Belgium		
09:00 - 09:15		Plenary Opening & Welcome Frithjof Nolting and Thorsten Schmitt <i>Paul Scherrer Institut, Switzerland</i>
09:15 - 09:45	Mon_Plenary_1 plenary	History, memory and legacy of Wu Ziyu Augusto Marcelli <i>Istituto Nazionale di Fisica Nucleare, Italy</i>
09:45 - 10:15	Mon_Plenary_2 invited	Soft and hard x-ray photoemission of buried oxide interfaces Ralph Claessen <i>Universität Würzburg, Germany</i>
10:15 - 11:00		Coffee Break (Central Hall)
Session: ARPES 1 (Auditorium E3) Chair: Jürg Osterwalder, Universität Zürich, Switzerland		
11:00 - 11:30	Mon_ARPES1_1 invited	Laser ARPES on High Temperature Superconductors Xingjiang Zhou <i>Institute of Physics, Chinese Academy of Sciences, China</i>
11:30 - 11:50	Mon_ARPES1_2	Isotropic kink in $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ thin films studied by in situ angle-resolved photoemission spectroscopy Koji Horiba <i>Photon Factory, High Energy Accelerator Research Organization (KEK-PF), Japan</i>
11:50 - 12:10	Mon_ARPES1_3	Ultrafast dehybridization between f- and d-states in a Heavy-Fermion System Dominik Leuenberger <i>Physics Institute, University of Zurich, Switzerland</i>
12:10 - 12:30	Mon_ARPES1_4	Ultrafast spin density wave transition in Chromium governed by thermalised electron gas Christopher Nicholson, <i>Fritz Haber Institute, Germany</i>
Session: Microscopy 1 (Auditorium E5) Chair: Adam Hitchcock, McMaster University, Canada		
11:00 - 11:30	Mon_Micro1_1 invited	Nanoscale tomography using coherent X-ray lensless imaging Manuel Guizar-Sicairos <i>Paul Scherrer Institut, Switzerland</i>
11:30 - 11:50	Mon_Micro1_2	Electron holography at high kinetic energies: from a case study to chemical selective imaging Carsten Westphal <i>Fakultät Physik, TU Dortmund, Germany</i>
11:50 - 12:10	Mon_Micro1_3	The 3D shapes of spinning helium nanodroplets Bruno Langbehn <i>IOAP, TU Berlin, Germany</i>
12:10 - 12:30	Mon_Micro1_4	X-ray Fluorescence and Tomography Investigate Ancient Handwritten Manuscripts Fauzia Albertin, <i>EPFL, Switzerland</i>
12:30 - 14:00		Lunch Break

Session: XAS 1 – general (Auditorium E3) Chair: Wolfgang Eberhardt, DESY-CFEL, Hamburg, Germany

14:00 - 14:30	Mon_XAS1_1 invited	X-ray based in-situ and ex-situ studies of chemical degradation phenomena in cultural heritage artefacts Koen Janssen <i>Department of Chemistry, University of Antwerp, Belgium</i>
14:30 - 14:50	Mon_XAS1_2	X-ray absorption spectroscopy in electrical fields: An element-selective probe of atomic polarization Andreas Ney <i>Johannes Kepler University, Austria</i>
14:50 - 15:10	Mon_XAS1_3	Probe-before-destroy Mn L-edge Absorption Spectroscopy of Photosystem II and Prototypical Mn Compounds Markus Kubin <i>Helmholtz-Zentrum Berlin, Germany</i>

Session: Coincidence 1 (Auditorium E5) Chair: Michael Meyer, EU-XFEL, Hamburg, Germany

14:00 - 14:30	Mon_Coin1_1 invited	Multielectron coincidence spectroscopy Pascal Lablanquie <i>LCP-MR, France</i>
14:30 - 14:50	Mon_Coin1_2	Experimental identification for an efficient neutralization pathway of the dication in a cluster Daehyun You <i>Tohoku University, Japan</i>
14:50 - 15:10	Mon_Coin1_3	Ultrafast molecular three-electron collective Auger decay Raimund Feifel <i>Department of Physics, University of Gothenburg, Sweden</i>

15:10 - 15:45 **Coffee Break** (Central Hall)

Session: XAS 2 – micro (Auditorium E3) Chair: Gerrit van der Laan, Diamond Light Source, UK

15:45 - 16:15	Mon_XAS2_1 invited	Characterization of Polymeric Materials with Soft X-rays Harald Ade <i>North Carolina State University, USA</i>
16:15 - 16:35	Mon_XAS2_2	Nanoscale phase separations in quantum materials Augusto Marcelli <i>Istituto Nazionale di Fisica Nucleare, Italy</i>
16:35 - 16:55	Mon_XAS2_3	Visualizing catalysis in X-PEEM with nanofabricated model surfaces Waiz Karim <i>Paul Scherrer Institute/ETH Zurich, Switzerland</i>

Session: Coincidence 2 (Auditorium E5) Chair: Andras Bödi, Paul Scherrer Institut, Switzerland

15:45 - 16:15	Mon_Coin2_1 invited	Revisiting the ultrafast dissociation of the O₂ molecule Xiao-Jing Liu <i>School of Physics, Beihang University, China</i>
16:15 - 16:35	Mon_Coin2_2	Pairing correlated electrons from valence bands of solids: Double photoemission using MHz high-order harmonics Cheng-Tien Chiang <i>Institute of Physics, Martin-Luther-Universität, Germany</i>
16:35 - 16:55	Mon_Coin2_3	Enhanced chiral asymmetries in the inner-shell photoionization of uniaxially oriented methyloxirane enantiomers Maurice Tia <i>Institut für Kernphysik, Goethe Universität, Germany</i>

Poster session 1 (Foyer E Sued, Foyer E Nord, and Foyer E0 Sued)

17:00 - 19:00	Mon_P_odd	Poster Session - odd numbers Poster stay whole conference on display snacks and drinks at Central Hall
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Tuesday, 5 July 2016

Plenary Source (Audimax F30) Chair: Marc Simon, CNRS & UPMC, Paris, France

09:00 - 09:45	Tue_Plenary_1 plenary	The Extreme Light Infrastructure (ELI) project Dimitris Charalambidis <i>FORTH, Greece</i>
09:45 - 10:15	Tue_Plenary_2 invited	Frontier research at FERMI Claudio Masciovecchio <i>Elettra - Sincrotrone Trieste, Italy</i>
10:15 - 11:00		Exhibition & Coffee Break (Central Hall)

Session: Microscopy 2 (Auditorium E3) Chair: Maya Kiskinova, Elettra, Italy

11:00 - 11:30	Tue_Micro2_1 invited	In situ soft X-ray microspectroelectrochemical studies of zinc-air battery materials Benedetto Bozzini <i>Università del Salento, Italy</i>
11:30 - 11:50	Tue_Micro2_2	Integration of structured illumination fluorescence microscopy with soft x-ray tomography at NSRRC Su-Yu Chiang <i>National Synchrotron Radiation Research Center, Taiwan</i>
11:50 - 12:10	Tue_Micro2_3	Spectroscopy and magnetism of magnetotactic bacteria studied by scanning soft X-ray microscopy and ptychography Adam Hitchcock <i>McMaster University, Canada</i>
12:10 - 12:30	Tue_Micro2_4	Hard X-ray Magnetic Imaging at the Nanoscale with Dichroic Ptychography Claire Donnelly <i>ETH Zurich - Paul Scherrer Institut, Switzerland</i>

Session: PES 1 – AMO (Auditorium E5) Chair: Maria Novella Piancastelli, Uppsala University, Sweden

11:00 - 11:30	Tue_PES1_1 invited	Electron spectroscopy of isolated atoms and molecules by using hard X-ray photons Ralph Puettner <i>Freie Universität Berlin, Fachbereich Physik, Germany</i>
11:30 - 11:50	Tue_PES1_2	Spectroscopy and dynamics of double-core-hole states in neon Marc Simon <i>LCPMR CNRS&UPMC, France</i>
11:50 - 12:10	Tue_PES1_3	Reconstruction of molecular wave functions from angular-resolved photoemission data Pavel Kliuiev <i>Department of Physics, University of Zurich, Switzerland</i>
12:10 - 12:30	Tue_PES1_4	Dynamical effects in the valence photoionization of CO₂ Saikat Nandi <i>Synchrotron SOLEIL, France</i>
12:30 - 14:00		Exhibition with Lunch (Central Hall)

Session: RIXS 1 - TMO (Auditorium E3) Chair: Zahid Hussain, Lawrence Berkeley National Lab, USA

14:00 - 14:30	Tue_RIXS1_1 invited	Revealing the electronic ground state of ReNiO₃ combining high-resolution Ni-L₃ X-ray absorption and resonant inelastic X-ray scattering Valentina Bisogni <i>Brookhaven National Laboratory, USA</i>
14:30 - 14:50	Tue_RIXS1_2	Resonant x-ray emission spectroscopy study of epitaxial strain effects on spin states of Co ions in LaCoO₃ thin films Yuichi Yokoyama <i>Institute for Solid State Physics, Univ. of Tokyo, Japan</i>

14:50 - 15:10	Tue_RIXS1_3	Weak Ferromagnetism in α-Fe₂O₃ Studied by Magnetic Circular Dichroism in SX-RIXS Jun Miyawaki <i>The Institute for Solid State Physics, The University of Tokyo, Japan</i>
Session: Sources 1 (Auditorium E5) Chair: Claudio Masciovecchio, Elettra, Italy		
14:00 - 14:30	Tue_Sources1_1 invited	MAX IV as example of the potential of diffraction limited storage rings Jesper Andersen <i>MAX IV Laboratory, Sweden</i>
14:30 - 14:50	Tue_Sources1_2	Inner-shell multi-color x-ray lasing and two-photon absorption driven by ultra-intense femtosecond XFEL pulses Joanna Hozowska <i>Department of Physics, University of Fribourg, Switzerland</i>
14:50 - 15:10	Tue_Sources1_3	Mg L_{2,3} stimulated emission from MgO pumped by FERMI FEL pulses: a milestone toward a soft-x-ray solid-state laser Philippe Jonnard <i>LCPMR - Laboratoire de Chimie Physique - Matière et Rayonnement / UPMC / CNRS, France</i>
15:10 - 15:45 Exhibition & Coffee Break (Central Hall)		
Session: RIXS 2 Corr Mat (Auditorium E3) Chair: Shik Shin, University of Tokyo, Japan		
15:45 - 16:15	Tue_RIXS2_1 invited	High-Resolution Soft X-ray Inelastic Scattering and Coherent Diffraction Imaging Di-Jing Huang <i>National Synchrotron Radiation Research Center, Taiwan</i>
16:15 - 16:35	Tue_RIXS2_2	Direct observation of crystal field splitting of 4f levels by Resonant Inelastic soft X-ray Scattering Andrea Amorese <i>ESRF, France</i>
16:35 - 16:55	Tue_RIXS2_3	Probing the electron-phonon coupling in high-temperature superconductors using ultrahigh resolution Resonant Inelastic X-ray Scattering Laura Chaix <i>Stanford Institute for Materials and Energy Sciences, SLAC, USA</i>
Session: Sources 2 (Auditorium E5) Chair: Dimitris Charalambidis, FORTH, Greece		
15:45 - 16:15	Tue_Sources2_1 invited	High-accuracy deep-ultraviolet Ramsey-comb spectroscopy of krypton and molecular hydrogen Kjeld Eikema <i>LaserLaB Vrije Universiteit, Netherlands</i>
16:15 - 16:35	Tue_Source2_2	Single shot NEXAFS investigations of biological samples in the soft X-ray region using a Laser Produced Plasma Source Katharina Witte <i>Technische Universität Berlin, Germany</i>
16:35 - 16:55	Tue_Sources2_3	High precision laser spectroscopy of highly charged ions: Resonant excitation of Li-like Kr³³⁺ at 136 eV and perspectives for hyperfine structure studies at highest Z Günter Brenner <i>DESY Hamburg, Germany</i>
Poster session 2 (Foyer E Sued, Foyer E Nord, and Foyer E0 Sued)		
17:00 - 19:00	Tue_P_even	Poster Session - even numbers & Exhibition Poster stay whole conference on display snacks and drinks at Central Hall

Wednesday, 6 July 2016

Plenary Theory (Audimax F30) Chair: David Prendergast, Lawrence Berkeley National Lab, USA		
9:00 - 9:45	Wed_Plenary_1 plenary	On the developments for a complete theory of RIXS in strongly correlated systems Thomas Devereaux <i>Stanford Institute for Materials and Energy Sciences, USA</i>
9:45 - 10:15	Wed_Plenary_2 invited	Recoil and Rotational Doppler effects in Molecular Photoionization Faris Gelmukhanov <i>Royal Institute of Technology, Sweden</i>
10:15 - 11:00	Exhibition & Coffee Break (Central Hall)	
Session: ARPES 2 - surf. (Auditorium E3) Chair: Ralph Claessen, Universität Würzburg, Germany		
11:00 - 11:20	Wed_ARPES2_1	Study of structural dynamics by means of time- and angle-resolved photoelectron spectroscopy and diffraction Matthias Hengsberger <i>Department of Physics, University of Zurich, Switzerland</i>
11:20 - 11:40	Wed_ARPES2_2	C1h symmetry induced non-vortical Rashba spin structure Kazuyuki Sakamoto <i>Chiba University, Japan</i>
11:40 - 12:00	Wed_ARPES2_3	Two-dimensional hole gas at ferroelectric BaTiO₃ film surfaces Stefan Muff <i>Paul Scherrer Institut, Switzerland</i>
12:00 - 12:20	Wed_ARPES2_4	Observation of the dynamics of charge separation at donor/acceptor interfaces in organic photovoltaics Friedrich Roth <i>Institute for Experimental Physics, TU Bergakademie Freiberg, Germany</i>
Session: RIXS 3 (Auditorium E5) Chair: Valentina Bisogni, Brookhaven National Laboratory, USA		
11:00 - 11:30	Wed_RIXS3_1 invited	New perspectives in inelastic x-ray scattering – UPBL6@ID20 Marco Moretti <i>ESRF, France</i>
11:30 - 11:50	Wed_RIXS3_2	Disentangling orbital and magnetic contributions to the exotic Spin Peierls transition in TiPO₄ Marcus Dantz <i>Paul Scherrer Institut, Switzerland</i>
11:50 - 12:10	Wed_RIXS3_3	Imaging Anti-Ferromagnetic A-type domains in strongly correlated LaSr₂Mn₂O₇ Mirian Garcia-Fernandez <i>Diamond Light Source Ltd, UK</i>
12:10 - 12:30	Wed_RIXS3_4	Quantification of 'Invisible' CoO by in-situ 2p3d Resonant Inelastic X-ray Scattering Boyang Liu <i>Utrecht University, Netherlands</i>
12:30 - 14:00	Exhibition with Lunch (Central Hall)	
Session: XAS 3 – timeresolved (Auditorium E3) Chair: Simone Techert, DESY, Hamburg, Germany		
14:00 - 14:30	Wed_XAS3_1 invited	Time-resolved x-ray detected-ferromagnetic resonance Gerrit van der Laan <i>Diamond Light Source, UK</i>
14:30 - 14:50	Wed_XAS3_2	Multi-element probing of ultrafast demagnetization dynamics with high harmonics of an intense femtosecond IR laser Boris Vodungbo <i>UPMC, LCPMR, France</i>

14:50 - 15:10	Wed_XAS3_3	Element-selective investigation of the spin dynamics in Ni_xPd_{1-x} magnetic alloys in the extreme ultraviolet spectral range Roman Adam <i>Research Centre Juelich, Germany</i>
15:10 - 15:40	Wed_XAS3_4 invited	Nonthermal symmetry-broken states and nonequilibrium criticality in correlated lattice models Philipp Werner <i>Department of Physics, University of Fribourg, Switzerland</i>
Session: ARPES 3 (Auditorium E5) Chair: Moritz Hoesch, Diamond Light Source, UK		
14:00 - 14:20	Wed_ARPES3_1	Layer-dependent quantum cooperation of electron and hole states in the anomalous semimetal WTe₂ Ivana Vobornik <i>CNR-IOM, Italy</i>
14:20 - 14:40	Wed_ARPES3_2	Quasi 2D electronic states with high spin-polarization in centrosymmetric MoS₂ bulk crystals Matthias Gehlmann <i>PGI-6, Forschungszentrum Juelich GmbH</i>
14:40 - 15:00	Wed_ARPES3_3	Revealing the bond disproportionated insulating phase in the high-Tc superconductor parent compound BaBiO₃ Nicholas Plumb <i>Swiss Light Source, Paul Scherrer Insitut, Switzerland</i>
15:00 - 15:20	Wed_ARPES3_4	Realization of a vertical topological p-n junction in epitaxial Sb₂Te₃/Bi₂Te₃ heterostructures Lukasz Plucinski <i>PGI-6, FZ Juelich GmbH, Germany</i>
15:20 - 15:40	Wed_ARPES3_5	X-ray spectroscopy applied to structure and dynamics of interfaces in transition-oxide-based stacks studies Elena Filatova <i>Institute of Physics, St-Petersburg State University, Russia</i>
15:40 - 16:00		Conference Picture
Conference Dinner		
17:00 - 22:00		Conference Dinner – Boat trip on the Lake of Zurich boat leaves at Bürkliplatz

Thursday, 7 July 2016

Plenary Time Resolved Spec. (Audimax F30) Chair: Ursula Keller, ETH Zürich, Switzerland		
09:00 - 09:45	Thu_Plenary_1 invited	Atomic, molecular, and nuclear quantum dynamics in (strong) visible, VUV and x-ray fields Thomas Pfeifer <i>Max-Planck Institute for Nuclear Physics, Germany</i>
09:45 - 09:50		VUVX 2016 Student prize, Introduction Amina Taleb-Ibrahimi, (Chair of VUVX ISC), <i>SOLEIL, France</i>
09:50 - 10:10		AMO VUVX 2016 Student prize: Development of high-flux High-Order Harmonic Generation at PALS and ELI-Beamlines , Victoria Nefedova, <i>Institute of Physics of AS CR, ELI Beamlines Project, Czech Republic</i>
10:10 - 10:30		Cond. Mat. VUVX 2016 Student prize: Making Synchrotron Light Shine: A Case Study of TiO₂ , Jun Li, <i>University of Western Ontario, Canada</i>
10:30 - 11:00		Coffee Break (Central Hall)
Session: PES 2 (Auditorium E3) Chair: Alexei Grum-Grzhimailo, Moscow State University, Russia		
11:00 - 11:30	Thu_PES2_1 invited	Photoelectron Circular Dichroism (PECD) on chiral systems: a fine probe of photoionization dynamics and molecular structures Laurent Nahon <i>Synchrotron SOLEIL, France</i>
11:30 - 11:50	Thu_PES2_2	Probing the VUV photoionisation of methyl radicals produced in a pyrolysis and a reactor sources Christian Alcaraz <i>Laboratoire de Chimie Physique, CNRS - Univ. Paris-Sud & Paris-Saclay, France</i>
11:50 - 12:10	Thu_PES2_3	Catalysis, photovoltaics, & hydrogen-storage related nanoparticles as seen by photoelectron spectroscopy Maxim Tchapyguine <i>Max-Lab, Lund University, Sweden</i>
12:10 - 12:30	Thu_PES2_4	Temperature dependence of the partially localized state in molecular network Olha Popova <i>University of Basel, Switzerland</i>
Session: Theory (Auditorium E5) Chair: Thomas Devereaux, Stanford University & SLAC, USA		
11:00 - 11:30	Thu_Theo_1 invited	Resonant inelastic x-ray scattering: theory, experiments, and its impact on the understanding of correlated matter Krzysztof Wohlfeld <i>Faculty of Physics, University of Warsaw, Poland</i>
11:30 - 11:50	Thu_Theo_2	First-principles simulations of X-ray absorption spectroscopy at energy-relevant materials interfaces David Prendergast <i>Lawrence Berkeley National Laboratory, USA</i>
11:50 - 12:10	Thu_Theo_3	Interaction between localized and itinerant states - excitons, resonances and band excitations in time and frequency domain Maurits W. Haverkort <i>MPI CPFS, Germany</i>
12:10 - 12:30	Thu_Theo_4	Efficient Bethe-Salpeter equation calculations of X-ray spectra Keith Gilmore <i>ESRF, France</i>
12:30 - 14:00		Lunch
Session: ARPES 4 Met (Auditorium E3) Chair: Charles Fadley, UC Davis & LBNL, USA		

14:00 - 14:20	Thu_ARPES4_1	Highly-Efficient Parallel Spin Filtering in a Time-of-Flight Momentum Microscope Gerd Schönhense <i>Institut für Physik, Johannes Gutenberg-Universität</i>
14:20 - 14:40	Thu_ARPES4_2	k-resolved electronic structure by soft-X-ray ARPES: From 3D systems to buried interfaces and impurities Vladimir Strocov <i>Swiss Light Source, Paul Scherrer Institute, Switzerland</i>
14:40 - 15:00	Thu_ARPES4_3	An x-ray standing-wave study of the high-Tc superconductor Bi₂Sr₂CaCu₂O₈ Cheng-Tai Kuo <i>Department of Physics, University of California, Davis & Materials Sciences Division, LBNL, USA</i>
15:00 - 15:20	Thu_ARPES4_4	Dynamics of Space-Charge Acceleration- Auger- and Photo Electrons Emitted From a Cu(111) Surface Gregor Schiwietz <i>GF-ISRR, Helmholtz-Zentrum Berlin für Materialien und Energie GmbH</i>

Session: Time res. 1 (Auditorium E5) Chair: Thomas Pfeifer, MPI for Nuclear Physics, Germany

14:00 - 14:30	Thu_Time1_1 invited	Coherent control experiments at the FERMI FEL Denys Iablonskyi <i>Institute of Multidisciplinary Research for Advanced Materials, Japan</i>
14:30 - 14:50	Thu_Time1_2	Attosecond time-resolved photoelectron spectroscopy of liquids Inga Jordan <i>ETH Zurich, Switzerland</i>
14:50 - 15:10	Thu_Time1_3	Laser assisted photoelectric effect from liquids Christopher Arrell <i>EPFL, Switzerland</i>
15:10 - 15:30	Thu_Time1_4	Ultrafast relaxation dynamics of ethylene ionized by XUV attosecond pulses Matteo Lucchini <i>ETH Zurich, Switzerland</i>
15:15 - 15:45	Coffee Break (Central Hall)	

Session: XAS4 – XMCD (Auditorium E3) Chair: Cassia Turci, University of Rio de Janeiro, Brazil

15:45 - 16:15	Thu_XAS4_1 invited	Nanophases in Complex Oxides Elke Arenholz <i>Advanced Light Source, Lawrence Berkeley National Laboratory, USA</i>
16:15 - 16:35	Thu_XAS4_2	Magnetic remanence in Ho adatoms on thin MgO Layers Sebastian Stepanow <i>Department of Materials, ETH Zürich, Switzerland</i>
16:35 - 16:55	Thu_XAS4_3	Site-specific valence atomic orbital characterization of magnetic surfaces by angular-momentum-polarized Auger electrons Fumihiko Matsui <i>Nara Institute of Science and Technology, Japan</i>
16:55 - 17:15	Thu_XAS4_4	Magnetic circular dichorism of X-ray absorption, emission, and photoemission in spinel-type ferrites Naomi Kawamura <i>Japan Synchrotron Radiation Research Institute (JASRI/SPring-8), Japan</i>

Session: In-situ (Auditorium E5) Chair: Nobuhiro Kosugi, UVSOR Synchrotron, Japan

15:45 - 16:15	Thu_InSitu_1 invited	Relaxation Processes in Core-Level Ionized Aqueous Solution: Entanglement of Electronic and Nuclear Dynamics Bernd Winter <i>Helmholtz Zentrum Berlin, HZB, Germany</i>
16:15 - 16:35	Thu_InSitu_2	Operando soft X-ray emission spectroscopy for rechargeable-battery electrodes Daisuke Asakura <i>National Institute of Advanced Industrial Science and Technology, Japan</i>

16:35 - 16:55	Thu_InSitu_3	In operando transmission-type liquid cell for soft X-ray absorption spectroscopy of liquid and electrochemical reaction Masanari Nagasaka <i>Institute for Molecular Science, Japan</i>
16:55 - 17:15	Thu_InSitu_4	The reactivity of $\text{La}_2\text{O}_2\text{CO}_3$ towards CO_2 investigated with in situ HERFD XAS and valence-to-core XES Ofer Hirsch <i>Multifunctional Materials, ETH Zürich, Switzerland</i>

Friday, 8 July 2016

Session: RIXS 4 – AMO (Auditorium E3) Chair: Jan-Erik Rubensson, Uppsala University, Sweden

9:00 - 9:30	Fri_RIXS4_1 invited	X-ray Vibrational and Electronic Spectroscopy of Liquid Water and Solutions with RIXS Yoshihisa Harada <i>Institute for Solid State Physics, The University of Tokyo, Japan</i>
9:30 - 9:50	Fri_RIXS4_2	Probing hydrogen bonding orbitals: resonant inelastic soft x-ray scattering of aqueous NH₃ Lothar Weinhardt <i>Karlsruhe Institute of Technology (KIT), Germany</i>
9:50 - 10:10	Fri_RIXS4_3	Ion-solvation-induced molecular reorganization in liquid water probed by resonant inelastic soft X-ray scattering and X-ray emission spectroscopy Michael Zharnikov <i>Applied Physical Chemistry, Heidelberg University, Germany</i>
10:10 - 10:30	Fri_RIXS4_4	Charge transfer parameters of cobalt halides and sulfide derived from cobalt 2p3d RIXS Ru-Pan Wang <i>Debye Institute for Nanomaterials Science, Utrecht University, Netherlands</i>

Session: Time res. 2 (Auditorium E5) Chair: Urs Staub, Paul Scherrer Institut, Switzerland

9:00 - 9:30	Fri_Time2_1 invited	X-ray coherent diffractive imaging of quantum vortices in superfluid helium droplets Andrey Vilesov <i>University of Southern California, USA</i>
9:30 - 9:50	Fri_Time2_2	Photoexcited process of WO₃ Photocatalyst in femtoseconds to picoseconds region observed by time-resolved XAFS Yohei Uemura <i>Institute for Molecular Science, Japan</i>
9:50 - 10:10	Fri_Time2_3	Transient band gap enhancement in the excitonic insulator phase of Ta₂NiSe₅ upon photoexcitation Claude Monney <i>University of Zurich, Switzerland</i>
10:10 - 10:30	Fri_Time2_4	One-step theory of two-photon photoemission with first application to Ag(001) Hubert Ebert <i>Department Chemie, Ludwig-Maximilians-Universität München, Germany</i>
10:30 - 11:00		Coffee Break (Central Hall)

Plenary VUVX Conference Award (Audimax F30) Chair: Amina Taleb-Ibrahimi, SOLEIL, France

11:00 - 11:05		Introduction Amina Taleb-Ibrahimi, (Chair of VUVX ISC) <i>CNRS and Synchrotron SOLEIL, France</i>
11:05 - 11:50		Cond. Mat. Award Bulk-sensitive soft/hard x-ray photoemission and linear dichroism studies of strongly correlated electron systems Akira Sekiyama, <i>Graduate School of Engineering Science, Osaka University, Japan</i>
11:50 - 12:35		AMO Award Atoms and Molecules under the Reaction Microscope - from one to many particles Markus Schöffler <i>Johann Wolfgang Goethe-Universität, Germany</i>
12:35 - 12:45		Closing and Announcement

Visit to PSI

13:00 - 14:00		Bus transfer to PSI
14:00 - 14:30		Welcome at PSI
14:30 - 16:30		Tour SLS and SwissFEL
16:30		Bus departure to Zurich
18:00		Arrival at Zurich ETH