Hard X-ray Photoelectron Spectroscopy and Standing Waves : Status and Trends MONDAY 6 FEBRUARY VENUE: ESRF AUDITORIUM		
08:15 – 08:45	Registration	
08:45 - 09:00	Welcome	**Harald Reichert** **Christian Kumpf** **Jorg Zegenhagen**
Session 1: 09:00 – 10:20 Chair : Christof Kunz		
09:00 - 09:40	Doing it the hard way: an exciting new dimension of photoemission	**Charles S. Fadley** University of California, Davis, USA
09:40 - 09:55	HAXPES to investigate advanced devices for microelectronic applications	**Eugénie Martinez** CEA-Leti, Grenoble
09:55 - 10:20	Electronic properties of buried interfaces and diluted systems probed by HAXPES	**Giancarlo Panaccione** Elettra, Italy
10:20 – 10:45	**Coffee break**	
Session 2: 10:45 – 12:05 Chair : Ivan Vartanyants		
10:45 - 11:25	X-Ray Standing Waves – Status and Perspectives	**Gerhard Materlik** Diamond Light Source, Didcot, UK
11:25 - 11:40	Investigation of doped ZnO with kinematical X-Ray standing waves	**Martin Tolkiehn** DESY, Hamburg, Germany
11:40 - 12:05	Quantitative vertical structure of functional interfaces based on organic molecules	**Sergey Subach** Forschungszentrum Jülich,Germany
12:05 – 13:30	**Lunch**	
Session 3: 13:30 – 15:30 Chair : Charles S. Fadley		
13:30 - 13:55	Correlation between the transport properties, atomic structure and oxygen vacancies of La0.7Ca0.3MnO3 thin films	**Juan Rubio Zuazo** SpLine Spanish CRG beamline, ESRF
13:55 - 14:20	HAXPES at BESSY II - present experiments and new opportunities	**Michaela Gorgoi** BESSY II, Berlin, Germany
14:20 - 14:45	Hard X-ray photoemission spectroscopy at NIMS Contract Beamline at SPring-8: present and future	**Shigenori Ueda** Spring 8, Japan
14:45 - 15:00	Angle resolved photoemission under extreme conditions high energy and high pressure	**Robert Moberg** VG Scienta
15:00 - 15:15	Focus GmbH: all about electrons	**Michael Merkel** Focus GmbH
15:15 - 15:30	The PHOIBOS analyzer series: electron spectrometers for Hard X-ray photoemission spectroscopy	**Monica Blum** SPECS
15:30 – 16:00	**Coffee break**	

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MONDAY 6 FEBRUARY cont.

VENUE: ESRF AUDITORIUM

Session 4: 16:00 – 18:15 Chair : Mark Simon

16:00 - 16:25	X-ray standing waves – structural tool of high versatility	**Jens Falta** University of Bremen, Germany
16:25 - 16:40	The Structure of L-Cysteine on Au(110)	**Robert Jones** University of Nottingham, UK
16:40 - 16:55	Modification of the PTCDA/Ag(111) interaction by the formation of a hetero-organic interface with CuPc	**Benjamin Stadtmüller** Forschungszentrum Jülich, Germany
16:55 - 17:10	Tuning the interface bonding of a large organic molecule on a metal surface: K-doped PTCDA on Ag(110)	**Oliver Bauer** Universität Bonn, Germany
17:10 - 17:25	Ab-initio description of satellites in photoelectron spectroscopy of valence vand: theory and experiments	**Matteo Guzzo** Ecole Polytechnique, Palaiseau, France
17:25 - 17:50	Core level spectroscopy of thin film oxide heterointerfaces	**Mark Golden** University of Amsterdam, the Netherlands
17:50 - 18:15	Local correlations, non-local screening, multiplets, and band formation in NiO	**Liu Hao Tjeng** MPI-CPFS, Dresden, Germany

18:15 – 21:00 Poster Session with buffet, Chair : M. Tolkiehn (best poster committee)
21:00 Presentation of the Best Poster Award
(*Transport will be organised at 21:30 from the ESRF to Grenoble downtown)*

SURFACE AND INTERFACE SCIENCE

PARALLEL SESSION

Programme

Venue: ESRF Auditorium

Organizers:

Christian KUMPF (Jülich Research Center, Germany & Users Organization Committee)

For further information, please contact **C. Kumpf** (c.kumpf@fz-juelich.de)

TUESDAY 7 FEBRUARY **14:00 – 15:45 and 16:30 – 17:40**		
14:00 - 14:05	Welcome	**Christian Kumpf** UOC
14:05 - 14:25	Latest developments at ID03	**Olivier Balmes** ESRF, Grenoble, France
14:25 - 14:55	In-situ studies of model catalysts	**Edvin Lundgren** Lund University, Sweden
14:55 - 15:25	Normal incidence x-ray standing waves for understanding surface bonding of organic molecules	**Moritz Sokolowski** Universität Bonn, Germany
15:25 - 15:45	Capabilities of BM25 SpLine in diffraction and photoemission (HAXPES)	**Pilar Ferrer** ESRF, Grenoble, France
15:45 – 16:30	**Coffee break**	
16:30 - 16:50	Recent evolutions of BM32 (in situ UHV-CVD injector)	**Valentina Cantelli** ESRF, Grenoble, France
16:50 - 17:10	ID01: Focus on recent developments and outlook on the upgrade	**Tobias Schülli** ESRF, Grenoble, France
17:10 - 17:40	On the compliant behavior of Ge nanocrystals on free-standing Si(001) nanopillars	**Grzegorz Kozlowski** IHP, Frankfurt (Oder), Germany
18:30 - 19:50	Joint Poster Session with Users' Meeting and other workshops	
20:00 – 22:30	Users' Meeting Dinner - Young Scientist and Best Poster awards (*Transport will be organised at 22:30 from the ESRF to Grenoble downtown)*	

Hard X-ray Photoelectron Spectroscopy and Standing Waves : Status and Trends

WEDNESDAY 8 FEBRUARY

VENUE: ESRF AUDITORIUM

Session 5: 14:00 – 15:45 Chair : Ralf Claessen

14:00 - 14:25	HAXPES and materials research at the Ångström laboratory	**Svante Svensson** Uppsala University, Sweden
14:25 - 14:40	HAXPES Characterization of the nm-Thick Protecting Oxide Layer on New Al-Cr-Fe Complex Metallic Alloys (Quasicrystal Approximants)	**Alessandra Beni** EMPA, Switzerland
14:40 - 15:05	Bulk electronic structure of quasicrystals studied by hard X-ray photoemission	**Sudipta Roy Barman** UGC-DAE Consortium for Scientific Research, India
15:05 - 15:20	The role of the interfaces in novel superconducting, $CaCuO_2/SrTiO_3$superlattices	**Carmela Aruta** CNR-SPIN, Italy
15:20 - 15:45	Ambient pressure photoelectron spectroscopy using soft X-ray and hard X-ray	**Zhi Liu** ALS-LBL, Berkeley, USA

15:45 – 16:15 Coffee break

Session 6: 16:15 – 18:00 Chair : Claus Schneider

16:15 - 16:40	Atomic-scale structural and chemical-state studies of complex interfaces	**Michael Bedzyk** North western University, USA
16:40 - 17:05	Unifying electronic and atomic structure at metal oxide heterointerfaces	**Christoph Schlüter** ESRF Grenoble, France
17:05 - 17:20	The early stages of corrosion of Cu_3Au studied by X-ray standing waves generated by a periodic multilayer	**Parasmani Rajput** ESRF, Grenoble, France
17:20 - 17:45	Site-specific valance electronic structures revealed by X-ray standing waves	**Tien-Lin Lee** Diamond Light Source, Didcot, UK
17:45 - 18:00	Multipole contributions to the photoelectric absorption determined by XSW/HAXPES	**Blanka Detlefs** ESRF Grenoble, France
18:00 - 18:10	Information for working groups	**Jorg Zegenhagen** ESRF Grenoble, France

18:15 – 19:15 Buffet

19:00 – 20:00 Working Groups: *(meeting rooms 018, 337, 248A, CTRL room, auditorium)*

- Beamline and instrumentation - working group leader **Wolfgang Drube**
- Industrial applications - working group leader **Thomas Schröder**
- Catalysis and Energy research - working group leader: **Roberto Felici**
- Surface and Interface Science - working group leader: **Phil Woodruff**
- Bulk structure and electronic properties – working group leader: **Giancarlo Panaccione**

20:15 – 21:00 Reports from working groups and wrap up

Transport will be organised at 21:30 from the ESRF to Grenoble downtown