

August 23, 2016, Tuesday

16.00-20.00

Registration

18.00-20.00

Welcome reception

August 24, 2016, Wednesday

Photoprocesses I (Chair: Kiyoshi Ueda)

8.45-9.00	Opening	
9.00-9.30	Kevin Prince Elettra, Trieste, Italy	<i>Coherent control with fully coherent multicolor pulses</i>
9.30-10.00	Michael Meyer European XFEL, Hamburg, Germany	<i>Atomic photoionization in intense XUV and optical fields</i>
10.00-10.20	Nicolas Douguet Drake University, Des Moines, USA	<i>Multi-photon two-color ionization of atoms and ions by femtosecond pulses</i>
10.20-10.40	Giuseppe Sansone Politecnico di Milano, Italy	<i>Studies of electron correlation in photoionization of atoms and ions with large scale XUV facilities: FELs and ELI - ALPS</i>

Coffee Break 10.40-11.10

Photoprocesses II (Chair: Alexander Dorn)

11.10-11.30	Tsukasa Takanashi Tohoku University, Sendai, Japan	<i>Time-resolved measurement for ultrafast molecular dynamics of diiodomethane using X-ray free-electron laser from SACLA</i>
11.30-11.50	Zoltan Jurek DESY, CFEL, Germany	<i>Molecular dynamics modeling of FEL-irradiated fullerenes</i>
11.50-12.10	Kaoru Yamazaki Hokkaido University, Japan	<i>Toward the Coulomb explosion imaging of nano-molecules: Capturing the photo-induced dynamics of C₆₀ by an X-ray free electron laser</i>
12.10-12.30	Rebecca Boll DESY, Hamburg, Germany	<i>Molecular charge transfer dynamics initiated by intense X-ray pulses</i>

Lunch (12.30-14.00)

Photoprocesses III (Chair: Maria-Novella Piancastelli)

14.00-14.30	Marc Simon Sorbonne Universités, UPMC Université Paris 06, France	<i>Relaxation dynamics of core excited atoms and molecules probed by coincidences techniques and hard X-ray photoelectron spectroscopy</i>
14.30-14.50	Tatiana Marchenko Sorbonne Universités, UPMC, CNRS, Paris, France	<i>Electron and nuclear dynamics in deeply core-excited molecules</i>
14.50-15.10	Gregor Hartmann DESY, Hamburg, Germany	<i>Observation of strong non-dipole effects in sequential multi-photon ionization using VUV FEL radiation</i>

Coffee Break 15.10-15.40

Photoprocesses IV (Chair: Ugo Ancarani)

15.40-16.10	Bernard Piraux Université Catholique de Louvain, Belgium	<i>Laser-atom interactions: excited state population trapping in the adiabatic regime</i>
16.10-16.40	Kaoru Yamanouchi The University of Tokyo, Japan	<i>Laser assisted electron diffraction for femtosecond molecular imaging and electron behavior in the strong laser field</i>
16.40-17.00	Vladislav Serov Saratov State University, Russia	<i>Retroaction of a photoelectron in dissociative single photoionization of H₂</i>

17.00-18.30 **Poster session**

August 25, 2016, Thursday

Heavy particle collisions (Chair: Igor Bray)

9.00-9.30	Thomas Stöhlker Helmholtz-Institut Jena and GSI Darmstadt, Germany	<i>Electron capture in atomic scattering processes involving high-Z ions: The population of magnetic sublevels</i>
9.30-9.50	Alisher Kadyrov Curtin University, Perth, Australia	<i>Rearrangement collision processes in proton and positron scattering</i>
9.50-10.20	Markus Schöffler University Frankfurt, Germany	<i>Kinematically complete experiments on ion impact</i>
10.20-10.40	Yury Kozhedub Saint-Petersburg State University, Russia	<i>Coupled-channel calculation of radiation processes in low-energy heavy ion-atom collisions</i>

Coffee Break 10.40-11.10

11.10-12.00	In memory of Hans Kleinpoppen (A. Grum-Grzhimailo, N. Kabachnik, K. Ueda, S. Samarin, K. Bartschat, M. Meyer, et al)	
12.00-12.30	Roberto Rivarola Instituto de Física Rosario, Argentina	<i>Nanodosimetry in biological tissue interacting with ion beams</i>

Lunch (12.30-14.00)

Attosecond physics and imaging I (Chair: Danielle Dowek)

14.00-14.30	Renate Pazourek Vienna University of Technology, Austria	<i>Attosecond chronoscopy of photoemission</i>
14.30-14.50	Pascal Salières CEA Saclay, France	<i>Watching the buildup of an autoionizing resonance on an attosecond timescale</i>
14.50-15.10	Markus Klinker Universidad Autónoma de Madrid, Spain	<i>Mapping the dissociative ionization dynamics of molecular Nitrogen with attosecond time resolution</i>
15.10-15.30	Mathieu Gisselbrecht Lund University, Sweden	<i>Photoionization dynamics revisited at the attosecond timescale</i>

Coffee Break 15.30-16.00

Attosecond physics and imaging II (Chair: Yuri Popov)

16.00-16.30	Masahiko Takahashi Tohoku University, Sendai, Japan	<i>Progress towards time-resolved imaging of molecular orbitals and nuclear motions in momentum space</i>
16.30-16.50	Andrew Bulychev Joint Institute for Nuclear Research, Dubna, Russia	<i>Theory of laser-assisted (e, 2e) and (e, 3e) scattering on helium at large momentum transfer</i>

16.50-18.30 Poster session

August 26, 2016, Friday

Electron collisions (Chair: Klaus Bartschat)

9.00-9.30	Bratislav Marinković University of Belgrade, Serbia	<i>Electron spectroscopic studies of electron scattering by atoms and molecules</i>
9.30-10.00	Oleg Zatsarinny Drake University, Des Moines, USA	<i>Convergent B-spline pseudo-state close-coupling approach to electron-impact excitation and ionization of complex atoms</i>
10.00-10.30	Claude Dal Cappello Universite de Lorraine, Metz, France	<i>Double ionization of atoms and molecules by electron impact</i>

Coffee Break 10.30-11.00

Collisions with large molecules (Chair: Xiangjun Chen)

11.00-11.30	Darryl Jones Flinders University, Adelaide, Australia	<i>Electron impact ionization of large molecules</i>
11.30-11.50	Enliang Wang University of Science and Technology of China, Hefei, China	<i>Fragmentation dynamics of multi-charged molecules by electron impact</i>
11.50-12.10	Lokesh Tribedi Tata Institute of Fundamental Research, Mumbai, India	<i>Electron emission from PAH molecules, fullerene and plasmon excitation</i>
12.10-12.30	Alicja Domaracka CEA/CNRS/ENSICAEN/Unicaen, Caen, France	<i>Molecular growth processes in carbonaceous clusters induced by ion collisions</i>

Lunch 12.30 – 14.00

Collisions with surfaces I (Chair: Jamal Berakdar)

14.00-14.30	Frank Schumann MPI für Mikrostrukturphysik, Halle, Germany	<i>Energy relations of positron-electron pair emission from surfaces</i>
14.30-14.50	Wolfgang Werner TU Wien, Austria	<i>Dynamics of secondary electron emission from surfaces by Secondary Electron-Electron Energy Loss Coincidence Spectroscopy (SE2ELCS)</i>
14.50-15.10	Sergey Samarin The University of Western Australia, Perth, Australia	<i>Spin-polarized (e, 2e) spectroscopy of surfaces: symmetry consideration</i>

Coffee Break 15.10-15.40

Collisions with surfaces II (Chair: Alexander Rakhimov)

15.40-16.10	Andrey Solov'yov MBN Research Center, Frankfurt am Main, Germany	<i>Collisional processes with sensitizing nanoparticles</i>
16.10-16.40	Ekaterina Voronina Lomonosov Moscow State University, Russia	<i>Fluorine atoms interaction with the nanoporous materials: Experiment and ab initio simulation</i>
<i>General discussion and closing</i>		

19.00 Conference Dinner