

08:40 – 09:00 ICPEAC Opening

09:00 – 10:00 Plenary Session (chair: K. Kirby, Harvard University, Cambridge, USA)
S. Svanberg (Lund University, Sweden)
Environmental and Medical Applications of Photonic Interactions

10:00 – 10:30 Coffee break

10:30 – 12:30 Session in Aula Magna (AUM): Cold Collisions
(chair: F. Masnou-Seeuws, Lab. Aimé Cotton, Orsay, France)

10:30 – 11:00 PR REP: J. Bohn (JILA, Boulder, USA)
Linking Ultracold Polar Molecules

11:00 – 11:30 PR REP: T. Killian (Rice University, Houston, USA)
Collisions in ultracold plasmas

11:30 – 12:00 PR REP: A. Hatakeyama (University of Tokyo, Japan)
Properties of alkali atoms confined in a cold helium gas

12:00 – 12:15 SP REP: S. Jonsell (Umeå University, Sweden)
Cold collisions of spin-polarized metastable hydrogen atoms

12:15 – 12:30 SP REP: I. Labazan (Zagreb Institute of Physics, Croatia)
An intense source of slow metastable NH radicals

10:30 – 12:30 Session in Lecture Hall (LH): Electron-Ion Collisions
(chair: D. Schwalm, MPI, Heidelberg, Germany)

10:30 – 11:00 PR REP: A. Wolf (MPI, Heidelberg, Germany)
Storage Ring Experiments with Cold Molecular Ions: the H_3^+ puzzle

11:00 – 11:30 PR REP: A. Florescu (University Paris XI, France)
Recent progress in theoretical treatment of Dissociative Recombination and related processes

11:30 – 12:00 PR REP: R. Thomas (Stockholm University, Sweden)
Branching between different decay channels in dissociative recombination of poly-atomic molecules

12:00 – 12:15 SP REP: T. D. Märk (University of Innsbruck, Austria)
Site selective electron attachment to RNA and DNA bases

12:15 – 12:30 SP REP: T. Tanabe (KEK, Tsukuba, Japan)
Electron-biomolecular ion collisions in the electrostatic storage ring

12:30 – 14:00 Lunch break

14:00 – 16:00 Session in Aula Magna (AUM): Short Pulse
(chair: A. D. Bandrauk, Sherbrooke University, Canada)

14:00 – 14:45 REV: P. B. Corkum (SIMS, Ottawa, Canada)
Attosecond Atomic and Molecular Science

14:45 – 15:15 PR REP: G. Paulus (MPI, Garching, Germany)
Quantum orbits made visible in strong-field ionization

15:15 – 15:45 PR REP: A. Saenz (University of Konstanz, Germany)
Molecular hydrogen in strong laser fields: Bond softening, enhanced ionization, and coherent control

15:45 – 16:00 SP REP: C. Bordas (LASIM, Lyon, France)
Photoionization microscopy

14:00 – 16:00 Session in Lecture Hall (LH): Ion-Cluster Collisions
(chair: A. Solov'ov, A. F. Ioffe PTI, St.-Petersburg, Russia)

14:00 – 14:30 PR REP: P. A. Hervieux (LPMC, Metz, France)
Charge transfer and evaporation in low energy collisions of metal clusters and fullerenes with atomic targets

14:30 – 14:45 SP REP: H. Bräuning (Justus-Liebig University, Gießen, Germany)
Charge transfer in collisions between two fullerene ions

14:45 – 15:15 PR REP: A. Lyalin (St.-Petersburg State University, Russia)
Molecular dynamics simulations of cluster fusion and fission processes

15:15 – 15:45 PR REP: P. Moretto-Capelle (University Paul Sabatier, Toulouse, France)
Electron capture, ionization and fragmentation in collisions of singly-charged ions with C_{60}

15:45 – 16:00 SP REP: T. Schlathölder (KVI, Groningen, the Netherlands)
 C^{9+} induced excitation and fragmentation of nucleic acid bases

16:00 – 18:00 Poster Session

19:00 – 21:00 Reception (City Hall)