

- 09:00 – 10:00 Plenary Session (chair: J. W. McConkey, University of Windsor, Canada)**  
N. Andersen (University of Copenhagen, Denmark)  
*Polarization, Alignment, and Orientation in Atomic Collisions*
- 10:00 – 10:30 Coffee break**
- 10:30 – 12:15 Session in Aula Magna (AUM): Exotic Systems**  
(chair: I. Shimamura, RIKEN, Saitama, Japan)
- 10:30 – 11:00 PR REP: C. Surko (University of California, San Diego USA)**  
*High resolution positron scattering and annihilation studies using a trap-based beam*
- 11:00 – 11:30 PR REP: K. Sakimoto (ISAS, Yoshinodai, Japan)**  
*Full quantum-mechanical study of protonium formation in slow collisions of antiprotons with hydrogen atoms*
- 11:30 – 12:00 PR REP: H. Stapelfeldt (University of Aarhus, Denmark)**  
*Laser aligned molecules: Applications in physics and chemistry*
- 12:00 – 12:30 PR REP: S. Sörensen (Lund University, Sweden)**  
*Core level studies of free molecules and clusters*
- 10:30 – 12:15 Session in Lecture Hall (LH): Cold Collisions**  
(chair: G. F. Gribakin, University of New South Wales, Sydney, Australia)
- 10:30 – 11:00 PR REP: M. Weidemüller (MPI, Heidelberg, Germany)**  
*Interactions on optically trapped, ultracold gases: from atoms to molecules*
- 11:00 – 11:30 PR REP: O. Dulieu (Lab. Aimé Cotton, Orsay, France)**  
*Ultracold molecule formation and detection*
- 11:30 – 12:00 PR REP: T. Hyodo (Tokyo University, Japan)**  
*Cooling and Quenching of Positronium and Prospect for a Ps BEC*
- 12:00 – 12:30 PR REP: E. Timmermans (Los Alamos National Laboratory, USA)**  
*Progress and prospects of Fermi gas physics in cold atom traps*
- 12:30 – 14:00 Lunch break**
- 14:00 – 16:00 Session in Aula Magna (AUM): Strong Fields**  
(chair: J.-M. Rost, MPI, Dresden, Germany)
- 14:00 – 14:45 REV: E. Mazur (Harvard University, Cambridge, USA)**  
*Black silicon: Femtosecond laser-assisted microstructuring of silicon surfaces for novel detector, sensing, and display technologies*
- 14:45 – 15:15 PR REP: K. Taylor (Queen's University, Belfast, UK)**  
*Intense laser interactions with few-electron atoms and molecules*
- 15:15 – 15:45 PR REP: J. Feldhaus (DESY, Hamburg, Germany)**  
*The FEL program at DESY: From first results at 100 nm wavelength to a true 1 Å X-ray laser*
- 15:45 – 16:00 SP REP: A. Hishikawa (University of Tokyo, Japan)**  
*Hydrogen migration in acetonitrile in intense laser fields studied by coincidence momentum imaging*
- 14:00 – 16:00 Session in Lecture Hall (LH): Ions and Molecules**  
(chair: S. V. K. Kumar, TIFT, Mumbai, India)
- 14:00 – 14:30 PR REP: O. Heber (Weizmann Institute of Science, Rehovot, Israel)**  
*Trapped ion beams: From Atomic Physics to Mass Spectrometry*
- 14:30 – 14:45 SP REP: S. Sanchez (UNICAMP, Campinas, Brazil)**  
*Low energy positron scattering by SF<sub>6</sub> and CO<sub>2</sub>*
- 14:45 – 15:15 PR REP: S. B. Nielsen (University of Aarhus, Denmark)**  
*Gas-phase studies of chromophore molecules in an electrostatic storage ring*
- 15:15 – 15:45 PR REP: L. A. Collins (Los Alamos National Laboratory, USA)**  
*Time-dependent simulations of large-scale quantum dynamics*
- 15:45 – 16:00 SP REP: A. Lahmam-Bennani (University Paris XI, France)**  
*Coincidence angular correlations between scattered, ejected and Auger electrons in electron impact double ionization*
- 16:00 – 18:00 Poster Session**
- 18:00 End of Conference**