

- 09:00 – 10:00** **Plenary Session (chair: Y. Hatano, Tokyo Institute of Technology, Japan)**
H. Hotop (University of Kaiserslautern, Germany)
Resonance and Threshold Phenomena in Low-Energy Electron Collisions with Molecules and Clusters
- 10:00 – 10:30** Coffee break
- 10:30 – 12:30** **Session in Aula Magna (AUM): Electron–Molecule Collisions**
(chair: W. van der Zande, AMOLF, Amsterdam, the Netherlands)
- 10:30 – 11:15** REV: A. Chutjian (Jet Propulsion Laboratory, Pasadena, USA)
Collisions with Ions in the Highly Charged Universe
- 11:15 – 11:45** PR REP: M. Allan (University of Fribourg, Switzerland)
Threshold phenomena in electron collisions
- 11:45 – 12:30** REV: C. Noble (Daresbury Laboratory, UK)
Benchmark Calculations for electron collisions with atoms, ions, and molecules
- 10:30 – 12:30** **Session in Lecture Hall (LH): Ion–Atom Collisions**
(chair: B. Fricke, University of Kassel, Germany)
- 10:30 – 11:00** PR REP: M. Sant’Anna (PUC, Rio de Janeiro, Brazil)
Photon-like ionization of Ne by H_2^+ ions in breakup collisions
- 11:00 – 11:15** SP REP: G. N. Ogurtsov (A. F. Ioffe PTI, St.-Petersburg, Russia)
Electron emission in H^- – He, H_2 collisions
- 11:15 – 11:45** PR REP: T. Kirchner (TU Clausthal, Clausthal-Zellerfeld, Germany)
Nonperturbative study of the rearrangement dynamics in ion-atom collisions with active electrons on projectile and target
- 11:45 – 12:15** PR REP: J. Greenwood (Queen’s University, Belfast, UK)
The Contribution of Charge Exchange to EUV and X-ray Astronomy
- 12:15 – 12:30** SP REP: I. Bray (Murdoch University, Perth, Australia)
Close-coupling solves coulomb three-body problems
- 12:30 – 14:00** Lunch break
- 14:00 – 16:00** **Session in Aula Magna (AUM): Ion–Molecule Collisions**
(chair: J. Pálincas, University of Debrecen, Hungary)
- 14:00 – 14:30** PR REP: H. Kohguchi (IMS, Okazaki, Japan)
Crossed Beam Ion-Imaging of Open-Shell Collisions
- 14:30 – 15:00** PR REP: P. C. Stancil (University of Georgia, USA)
Theoretical studies of vibrationally-resolved electron capture in low-energy ion-molecule collisions
- 15:00 – 15:30** PR REP: B. Sulik (ATOMKI, Debrecen, Hungary)
Young type interferences in electron emission from molecular hydrogen by fast ion impact
- 15:30 – 15:45** SP REP: M. Suter (Göteborg University, Sweden)
The scattering of carbon monoxide from water ice – experimental molecular beam studies
- 15:45 – 16:00** SP REP: S. Hossain (Western Michigan University, Kalamazoo, USA)
Electron correlation in the formation of Li-like ions
- 14:00 – 16:00** **Session in Lecture Hall (LH): Electron–Atom Collisions**
(chair: M. P. Scott, Queen’s University, Belfast, UK)
- 14:00 – 14:30** PR REP: M. Khakoo (California State University, Fullerton, USA)
Measurements of differential and doubly differential cross-sections for electron impact elastic scattering, excitation, and ionization of atomic hydrogen
- 14:30 – 15:00** PR REP: A. Stelbovics (Murdoch University, Perth, Australia)
Three body Coulomb scattering above the ionization threshold
- 15:00 – 15:30** PR REP: J. Lower (Australian National University, Canberra, Australia)
Developments in Quantum State Resolved ($e,2e$) Experiments
- 15:30 – 16:00** PR REP: R. Srivastava (University of Roorkee, India)
Electron impact excitation of atoms in the relativistic distorted wave approximation
- 16:00 – 18:00** **Poster Session**
- 19:30 – 20:30** **Public Lecture (A. Bárány, Stockholm University, Sweden)**