

List of Oral Presentations (Invited and Contributed Talks)

Ver.4

Session #	Session Chair	Slot	Speaker	Title
Session 1	Ladislau Nagy	I-01	Xiaolong Zhu	Direct evidence of breakdown of spin statistics in ion-atom charge exchange collisions
		I-02*	Malay Purkait [Cancelled]	Electron capture and excitation between hydrogen-like projectile and helium atom [Cancelled]
		I-03	Nicolas Sisourat	Antiproton collisions from a fully-correlated time-dependent approach
		O-01**	Corey T Plowman	Excitation of ground-state helium by proton impact
Session 2	Xinwen Ma	I-04	Christophe Prigent	Ion – Atom collisions : a benchmark for reliable Ion – Ion Studies
		I-05	Md Abul Kalam Azad Siddiki	CSR-ReMi: an in-ring cryogenic reaction microscope for electron-ion-projectile coincidence spectroscopy
		O-02	Karoly Tokesi	Impact parameter and kinematic information for differential ionization of argon by positron and electron impacts
Session 3	Claudia C Montanari	I-06	Shruti Majumdar	Multiply differential study of vibrational dissociative capture in p + D2 collisions
		I-07	Ana Beatriz Monteiro-Carvalho	O2+ Production Coming from CO2 single-event electron impact
		O-03	Zoltán Juhász	Molecular two-center interference in H+ emission from H2 molecule by O+ ion impact and its dependence on the target coherence
Session 4	Alisher Kadyrov	I-08	Alexander Voitkiv	Breit interaction vs Coulomb force in ionization occurring in nonrelativistic atomic collisions
		I-09	Xiaoqing Hu	Impact of Dimer Environments on Nonadiabatic Dynamics in Transient Molecules Formed via Ion-Atom Collisions
		O-04	Ann E Orel	Low Energy Collisions of H- with B+ or H+
Session 5	Alexander Voitkiv	I-10	Shenyue Xu	Imaging molecular structures and revealing fragmentation dynamics using highly charged ions
		I-11	Tom Kirchner	Interatomic Coulombic decay in ion-impact collisions: a theoretical perspective
		O-05	Sankar De	Intra-molecular scattering within diiodoacetylene
		O-06	Tomohiko Nakao	Delayed fragmentation of polyatomic molecules induced by MeV ion collisions
Session 6	Ann E Orel	I-12	Baoren Wei	Charge exchange cross section for highly charged ions collision with atom and molecule
		I-13	Nicholas W Antonio	Charge exchange and ionisation in impurity ion collisions with atomic hydrogen
		O-07	Junwen Gao	Double electron capture into autoionizing states in N7+ and He collisions
Session 7	Amine Cassimi	I-14	Teruaki Konishi	Single Hit Microbeam Technology for Single Cell “Rad” Biology
		I-15	Yusuke Matsuya	Track-structure mode and DNA damage estimation in PHITS ver. 3.35
		O-08	Sergio Diaz-Tendero	Reactivity in clusters of amino acids induced by ion-collisions in the gas phase
Session 8	Alain Dubois	I-16	Henrique Fonteles	Micro-PIXE for Iron Mapping in Ferroptosis
		I-17	Hiroshi Amekura	A mystery of ion tracks in silicon:– Monatomic ions of hundreds MeV do not form but C60 ions of 60 keV do –
		O-09	Silvina Segui	Stopping of charged particles interacting with a phosphorene monolayer: an ab initio approach

* I-02 has been canceled.

** A concern has been raised regarding the originality of certain aspects of this contribution, specifically the use and authorship of the method and software code. The matter is currently under review by the appropriate institutional channels. No determination has been made at this stage, and the presentation will proceed pending further clarification.