

List of Poster Presentations

Session #	ID	Presenter	Title
Poster 1 25-Jul 17:30 - 20:00	P-01	Fernando Aguiar-Galindo	Relevance of electronic excited states in the ionization and fragmentation dynamics of ferrocene induced in collisions with highly charged ions
	P-02	Lamia Alissooui [Withdrawn]	Theoretical investigation of NO+ ion Mobility in Helium Based on the Monchick-Mason Approximation [Withdrawn]
	P-03	Nicholas Wayne Antonio	Benchmark target excitation and ionisation cross sections for p-bar + He(λ S, 2 λ S) collisions
	P-04	Nicholas Wayne Antonio	Convergent close-coupling approach to ion collisions with multi-electron targets: Application to p-bar + C collisions
	P-05	Yuma Aoki	K-shell lines of neutral iron atoms in the central region of the Milky Way resolved by the X-ray astronomy satellite XRISM
	P-06	Marcin Buchowiecki	Ab initio high energy interactions for N-H+ and N+ - H collisions. Integrated and transport cross sections and stopping power.
	P-07	Chenzhong Dong	M-shell X-ray emission for Ho target induced by Li $_i$ 2,3+ ions
	P-08	Alain Dubois	Theoretical and experimental investigations of projectile excitation to autoionizing states in swift carbon and oxygen ions collisions with helium
	P-09	Talki Fujita	Measurement of ion-induced secondary electron emission from metal surfaces
	P-10	Dalong Guo	State-resolved autoionizing double-electron capture in intermediate-energy collisions of C $_+$ (1s2s 1S) with He
	P-11	Ryo Hasebe	Quantitative evaluation of argon in vanadium nitride films by non-Rutherford backscattering spectrometry and particle induced x-ray emission
	P-12	Masamitsu Hoshino	Contributions of Atomic, Molecular and Sputtering Data Workshop Group for the NIFS database
	P-13	Zoltán Juhász	Cluster effects in collisions of hydrogen cluster ions with H $_2$ molecules
	P-14	Zoltán Juhász	Temperature Dependence of the Electron-Induced Radiolysis of Solid N $_2$ O: Applications to Astrochemistry in the Outer Solar System
	P-15	Alisher Kadyrov	Connection between atomic excitation and ionisation
	P-16	Akshit Mahesh Kotian	Electron capture in collisions of highly charged argon ions with hydrogen atoms
	P-17	Yoshiaki Kumagai	Development of a Method for Measuring the Energy Loss of MeV Projectile Ions in a Thin Liquid Water Sheet
	P-18	Laszló Nagy	Excitation of helium by proton and antiproton impact
	P-19	Yoichi Nakai	Molecular formation through reactions of low-energy molecular ions with an ice surface under low temperature conditions
Poster 2 26-Jul 12:40 - 14:20	P-20	Claudia Carmen Montanari	Stopping power in transition metals, the importance of d-electron contribution
	P-21	Claudia Carmen Montanari	Machine learning model for K-shell ionisation
	P-22	Claudia Carmen Montanari	An Embedding-based Neural Network Approach for Allowing Stopping Power Prediction on Multi-elemental targets
	P-23	Talki Okawa	The effect of irradiated ion on the swelling phenomenon of 4H-SiC
	P-24	Sota Otsuka	Positive and negative secondary ion emission from propanol droplets induced by fast heavy ion collisions
	P-25	Dariusz Grzegorz PiekarSKI	Induced Chemistry of triazole derivatives
	P-26	Corey T Plowman	Electronically resolved excitation in proton collisions with H $_2$
	P-27	Cholakka Parambath safyan	Evidence for the formation of excited fragments in the three body dissociation of methane
	P-28	Kanae Saito	Charge State Distributions of Ions Transmitted Through a Single-layer Graphene Sheet under Fast Li $^+$ and Li $^{2+}$ Ion Irradiation
	P-29	Silvina Segui	Experimental K-shell ionization cross sections by electron impact: a comprehensive database for 1 < Z < 92
	P-30	Kade Spider	Coupled-channel calculations of FD C_S for ionisation in 75 keV p + He collisions: Emission of low-energy electrons
	P-31	Karoly Tokesi	State selective charge-exchange cross sections in collisions between Cq+ ions with sodium atoms
	P-32	Karoly Tokesi	Energy loss function of samarium determined from the reflection electron energy loss spectroscopy spectra
	P-33	Karoly Tokesi	Electron capture cross sections in Ne8+ ions collision with H $_2$ and He
	P-34	Mayumi Umemura	Ionization of Noble Gases by Collisions with Fast Molecular Ions Depending on the Molecular Axis Orientation
	P-35	Xing Wang	Collision-induced atomic alignment and magnetic substate ionization of medium- and high-Z elements
	P-36	Yuichiro Yano	Vicinal effect on convey electrons from carbon foils under heteronuclear diatomic ion bombardment
	P-37	Gui-Sheng Zeng	Influence of plasma ion state and epitaxial atoms in sputtering system