

原子衝突学会第39回年会

一般講演プログラム

10月5日(日) 15:15~17:00 ショートプレゼンテーション(各2分以内, H1~H6を除く)

10月6日(月) 16:30~18:30 ポスター発表

番号	タイトル	発表者氏名	所属
P-01 (H-5)	Large-scale relativistic quantum-chemical theory	清野淳司	早稲田大学
P-02	Two-center interference effects in (e,2e) cross sections of H ₂ at large momentum transfer	山崎優一	東北大学多元物質科学研究所
P-03	EMS study of vibrational effects on electron momentum distributions of CH ₂ F ₂	渡辺昇	東北大学多元物質科学研究所
P-04	A preliminary study on the S1 excited state of toluene by time-resolved (e,2e) electron momentum spectroscopy	唐亜国	東北大学多元物質科学研究所
P-05	Electron impact excitation of the low-lying 4s[3/2] ₁ and 4s[1/2] ₁ levels in Ar	望月有	上智大学
P-06	Design of the new electron monochromator for the molecular-frame low-energy electron collision experiments	奥村拓馬	東京工業大学
P-07	Interference effects in electron momentum profile of the highest occupied molecular orbital of CO ₂	中島功雄	東北大学多元物質科学研究所
P-08	Modified electron lens system for investigating cold electron collision of linear molecules	近藤篤史	東京工業大学
P-09	Development of a molecular-frame EELS spectrometer	山田聡	東北大学
P-10	Resolution of a significant discrepancy in the electron impact excitation of the \tilde{a}^3B_1 and \tilde{A}^1B_1 low-lying electronic states in water molecule	松井翠	上智大学
P-11	Anomalous angular correlation in singly-excited two-electron atomic systems: manifestation of genuine and conjugate Fermi holes in the large Z limit	佐甲徳栄	日本大学
P-12	The Breit-Pauli interactions on loosely bound states of LiPs ⁺ and NaPs ⁺	山下琢磨	東北大学
P-13	Big bang nucleosynthesis with a long-lived negatively charged massive particle	木野康志	東北大理
P-14	Mixed gas method for determinations of differential cross sections	山口優大	東邦大学
P-15 (H-2)	Real-time study of plasmon resonance heating of xenon nanoplasma produced by XFEL pulses at SACLA	熊谷嘉晃	東北大学
P-16	XFEL-induced deep inner-shell multi-photon multiple ionization and subsequent ultrafast charge migration in iodomethane and 5-iodouracil molecules	本村幸治	東北大学
P-17	Angular correlation of a pair of the Lyman- α photons produced in the photodissociation of H ₂	穂坂綱一	東京工業大学
P-18	F 1s photoelectron angular distributions detected in coincidence with the BF ₂ ⁺ -F ⁺ ions of BF ₃ molecules: fragmentation-site dependence of them	水流翔太	千葉大学
P-19	A velocity map imaging apparatus for photoelectron diffraction studies using x-ray free-electron laser pulses	中嶋享	高エネルギー加速器研究機構
P-20 (H-6)	Charge-asymmetric electron capture from nitrogen molecule by collision of highly charged ions	松本淳	首都大学東京
P-21	Development of an Ion Mobility Spectrometer and an Ion Mobility Spectrometry - Mass Spectrometer	金子貴洋	首都大学東京
P-22	Mobility measurement of NH _n ⁺ (n = 1-3) in He gas at low temperature	森健汰	首都大理工
P-23	Energy distributions of an ion beam extracted into air with the large bore metal capillary	海岸美華	奈良女子大学
P-24	Measurements of an ion beam diameter extracted into air through a large-bore metal capillary	平野貴美	奈良女子大学
P-25	Double impulse mechanism in atom-molecule collisions: analysis with the hard-shell model	市村淳	JAXA宇宙科学研究所
P-26	Screening effect during a collision in multiple ionization of Ar ₂ with highly charged ions	市村淳	JAXA宇宙科学研究所
P-27	Multiple ionization of OCS by Ar ⁸⁺ collision	森裕之	首都大学東京
P-28	Electrical properties of semiconductors irradiated with highly charged heavy ions	久保田海	電気通信大学
P-29	Spectroscopy of highly charged ions relevant to light source developments in the EUV to soft x-ray region	岸良子文	電気通信大学

P-30	A new compact electron-beam ion trap for synchrotron/FEL studies at SPring-8: progress report	HARRIES James	日本原子力研究開発機構
P-31	Development of a Kingdon ion trap for studying the forbidden X-ray transitions of excited highly charged ions	沼館直樹	上智大学
P-32	Characterization of ion Coulomb crystals for cold ion chemistry	岡田邦宏	上智大学
P-33	UV-Visible forbidden lines of highly charged ions -Its potential usefulness for fusion plasma diagnostics-	加藤太治	核融合科学研究所
P-34 (H-1)	Ion desorption from TiO ₂ (110) surface induced by positron annihilations	立花隆行	立教大学
P-35 (H-4)	Development of an LaBr ₃ (Ce) scintillation detector based AMOC spectrometer for analyzing Ps-Xe collisions	澁谷憲悟	東京大学
P-36	Ps-Ar collision below Ps break-up threshold energy	佐野陽祐	東北大学
P-37	Resonant photodetachment study of the positronium negative ion	満汐孝治	東京理科大学
P-38	Size- and Isomer-Dependent Reactivity of Metal Oxide Cluster Ions Studied by Ion Mobility Mass Spectrometry	大下慶次郎	東北大学
P-39	Theoretical study of the ring-opening, isomerization and dissociation pathways of cyclic molecular cation by the global reaction route mapping method	常盤恭樹	東北大学
P-40	Effective formation of polyynes by laser ablation of graphite in gas phase	田口裕貴	首都大学東京
P-41	Internal temperature of carbon cluster and polyyne anions generated by laser ablation of soot	稲垣旅人	首都大学東京
P-42	Internal energy distribution of C ₄ ⁻ cooled by emission of recurrent fluorescence	河野直子	首都大学東京
P-43	Geometrical and electronic structures of Cu(CH ₃ COCH ₃) _n ⁺ and CuAr _m ⁺ cluster ions	下川原翔太	電気通信大学
P-44	Development of a laboratory experiment for the recombination reaction of positively charged cluster ions with slow electrons	馬亮	東京農工大学
P-45 (H-3)	Atomic collision physics relevant to the treatment planning system for heavy particle cancer therapy : Radial dose simulations	森林健悟	日本原子力研究開発機構
P-46	Development of analytically-equivalent blood substitute in XRF	松山嗣史	東邦大学
P-47	Initial Process of DNA Base Damage Induction Explored by Soft X-ray Spectroscopies	島田紘行	東京農工大学
P-48	Development of a high energy electron energy loss spectroscopy for aqueous bio-molecules	三浦亮介	東京農工大学
P-49	Hydration of nucleobases as identified by a DFT analysis for X-ray absorption spectrum of aqueous nucleotides	武田泰明	東京農工大学
P-50	H-D Substitution Tunneling Reaction of Ethanol with Atomic Deuterium on a Low Temperature Surface	尾坂和哉	北海道大学低温科学研究所
P-51	Strong dependence of hydrogenation efficiency of solid benzene on surface structure	羽馬哲也	北海道大学低温科学研究所