Poster A: July 22 (Tue) 17:00-19:00

Number	Corresp. Author	Poster Title
A-01	Nicholas A Aybar	Spatially resolved Au L-shell emission spectroscopy of laser-produced NLTE coronal plasmas
A-02	Chen Zhong Dong	Collision-enhanced EUV spectrum of laser-produced Al plasma collisions
A-03	Mehul V Patel	Improvements in non-LTE atomic kinetics modeling for ICF hohlraums
A-04	Chihiro Suzuki	Analysis of soft X-ray spectra from N-shell ions of europium using the Tokyo EBIT
A-05	Daiji Kato	Statistical analysis on energy levels and effective line strengths of singly ionized lanthanides for opacity of kilonovae
A-06	Daiji Kato	Atomic, Molecular, and Surface Collision Data Working Group in NIFS
A-07	Jean-Christophe Pain	Corrections to radiative rates between atomic configurations
A-08	Djamel Benredjem	Configuration- and superconfiguration-averaged excitation and ionization by electron impact in hot plasmas
A-09	Pascal Quinet	A new set of radiative decay rates for Os V ? VI spectral lines of interest to nuclear fusion plasma analysis
A-10	Pascal Quinet	Calculation of M1 and E2 transition probabilities in lanthanide ions for kilonovae nebular-phase analysis
A-11	Jerome Deprince	Computation of electron-impact excitation collision strengths in Sr II and Te III in the context of nebular-phase kilonovae
A-12	Jerome Deprince	Atomic data computations for the identification of heavy elements in hot subdwarfs
A-13	Sirine Ben Nasr	Bound-Bound opacity calculations of heavy elements in kilonova ejecta
A-14	Supriya Kodangil	Experimental Transition Probabilities of Lanthanide elements (La, Ce, and Eu) using Laser-Induced Breakdown Spectroscopy for Astrophysical applications
A-15	Surabhi Aggarwal	Gaunt factor, collision strength and electron-impact excitation cross-section for Sn ions
A-16	Gajendra Singh	Evaluation of the electron impact excitation cross-sections of atomic hydrogen for incident energy upto 1 MeV
A-17	Raju Ghosh	Electronic collisions with molecular cations: species relevant in the edge of the fusion plasma and plasma facing material in the fusion devices.
A-18	Taiichi Shikama	Polarization spectroscopy of He I 2^3S-2^3P emission line in an ECR plasma with quantification of instrumental polarization
A-19	Oleksandr Marchuk	Results on VIS and VUV Spectroscopy of hydrogen atoms and molecules in linear plasma device PSI-2
A-20	Arseniy Kuzmin	BH molecular emission in the divertor region of LHD: Q-branch analysis and rotational temperature measurement
A-21	Curtis Johnson	Quantifying Prompt Tungsten Redeposition in the WEST Tokamak Using High Resolution UV Spectroscopy
A-22	Seiki Saito	Hydrogen Recycling Model using Machine Learning
A-23	Akira Sasaki	Atomic processes in laser-produced tin plasmas for the efficient emission of extreme-ultraviolet (EUV) radiation
A-24	Hajime Tanuma	Charge Exchange X-ray Spectra of H-like and He-like Iron at Tokyo EBIT
A-25	Nobuyuki Nakamura	Polarization of VUV emission from highly charged ions studied with an electron beam ion trap
A-26	Amar Pal	High Harmonic genertaion plasma wedge and laser interaction.
A-27	Yu Takehiro	Amplified Spontaneous Emission of 112-nm Al3+ ion in neon-like aluminum laser plasmas

Poster B: July 24 (Thu) 15:00-17:00

Number	Corresp. Author	Poster Title
B-01	Dingao Song	Spectroscopic Characteristics of Ce- to Gd-like Highly Charged Ions in the Water Window range
B-02	Chun-Tse Wu	Influence of Multiply Excited States of Tin ions on Laser-Produced EUV Light Emission
B-03	Hiroyuki A. Sakaue	Electric octupole transitions of Ta and Hf observed in an EBIT plasma
B-04	Izumi Murakami	NIFS Atomic and Molecular Numerical Databae for Collision Processes
B-05	Takeshi Nishikawa	Electronic state density modeling in hydrogen-like plasmas by Nearest Neighbor Approximation
B-06	Chen Zhong Dong	Contribution of multiply excited states to the EUV emission of Sn12+
B-07	Nitish Ghosh	A detailed collisional radiative model for Ti plasma
B-08	Alpana Pandey	Electron-Impact Ionization Cross Sections of Beryllium and Its Ions for Plasma Modeling
B-09	Kazuyoshi Yamada	Adiabatic Expansion Methods for Hydrogen Atoms in Ultra-High Magnetic Fields
B-10	Robin Piron	Explicit Numerical Scheme for Milne's Phase-Amplitude Equations and Applications
B-11	Runjia Bao	Spectroscopic Analysis of Impurity Ions (B, W, Xe) in ITER Plasmas Using Collisional-Radiative Modeling
B-12	Connor Ballance	R-matrix Atomic Data for Kilonova Applications in Astrophysics
B-13	Leo Hirata	Development of a compact electron beam ion trap for application to astronomy and spectroscopic experiments of highly charged ions at the synchrotron radiation facility SPring-8
B-14	Kotaro Fukushima	Anomalous Fe XXV triplet structures in a textbook plasma revealed by XRISM
B-15	Yutaro Nagai	Low-Ionized Iron in Cen X-3 Determined by Fe Kα and Kβ Fluorescent Lines
B-16	Gabriel Jonathan Grell	Resonant Auger-Meitner Destruction of He-like Kα Lines in Photoionized Plasmas
B-17	Yuya Inokuchi	Dependence of Hydrogen Molecular Dissociation Degree on Discharge Conditions in an ECR-Based Atomic Hydrogen Source
B-18	Motoi Wada	Effects upon sheath formation due to plasma surface interaction at the plasma grid surface of a negative hydrogen ion source
B-19	Masahiro Kobayashi	Photoionized Plasma Production Experiments Using the Synchrotron Light Source UVSOR
B-20	Atsushi Okamoto	Ion fractional abundance measurement in linear plasma device NUMBER
B-21	Shin Kajita	Machine learning approach to measuring electron density and temperature from high-density helium plasmas
B-22	Yuan-Ming Chang	Residual Stress and Related Properties of Copper Oxide Thin Films Deposited by Ion Energy Modulated ALIS and Magnetron Sputtering Hybrid Process
B-23	Sami Ulhaq	Characterization of laser induced plasma: Analysis of rocks using calibration-free LIBS
B-24	Shusen Gao	Measurement of visible emission from Laser-Produced Sn Plasma in a Hydrogen Atmosphere
B-25	Naoki Kimura	Development of CoBIT-III for studying atomic processes in plasmas
B-26	Geethika B R	Origin of Polarized Emission from Laser Produced Plasma
B-27	Emma Jane Sokell	Spatially resolved spectroscopy and plume splitting of soft x-ray emitting laser-produced iron plasmas in a high pressure helium environment