B2 [Quantum/Dusty plasma, Plasma Source, Basic Experiments, A&M]

B2-1-I1 Lin I	National Central University	Coherent entities in thermally excited two dimensional dusty plasma crystals: observation of multi-scale vorticity waves and vorticity wave vortices
B2-1-I2 Chen-Kang Huang	National Central University	Formation and microfilamentation of spiral density waves in plasmas induced by circularly polarized field ionization
B2-1-I3 Surabhi Jaiswal	Indian Institute of Science Education and Research Pune	Studying complex plasma crystal and its dynamical behavior in different plasma systems
B2-1-I4 Dong Huang	Soochow University	Isomorphic lines and isomorphic invariants in dusty plasmas and its applications
B2-1-I5 Shaoyu Lu	Soochow University	Internal friction of grain boundaries in two-dimensional Yukawa solids
B2-1-O1 Khalid Hussain Shah	University of Narowal	Cylindrical and Spherical Dust Ion Acoustic Solitary Waves in Non-Maxwellian Space Plasmas
B2-1-O2 Zubia Kiran	GC University	Kinetic Alfvén waves in a homogeneous dusty magnetoplasma with dust charge fluctuation effects
B2-2-I1 Yangyang Fu	Tsinghua University	Similarity laws and scaling networks for radio frequency plasmas
B2-2-I2 Chengxun Yuan	Harbin Institute of Technology	Measurement of Microwave Propagation in Periodically Structured Dusty Plasma
B2-2-I3 Wei Kong	Civil Aviation University of China	Test of fluctuation–dissipation relation for active dusty plasmas: a molecular dynamics simulation
B2-2-I4 Liang Xu	Soochow University	Mathematical and computational modeling of the gas breakdown in the planar magnetron discharge
B2-2-I5 Srikumar Ghorui	Bhabha Atomic Research Centre	Aqueous Nitrogen Fertilizer in High Concentration from Air and Water: A Novel Fast Thermal Plasma Route
B2-2-O1 Anisa Qamar	University of Peshawar,	Magnetosonic shock waves in degenerate electron-positron-ion plasma with distinct spin densities
B2-2-O2 Hoa Thi Truong	The University of Danang	Development of a Low-Voltage Micro Plasma Jet System Utilizing Silicon Diodes for Alternating Current
B2-3-I1 Job Beckers	Eindhoven University of Technology	Complex Ionized Media and Contamination Control in Semiconductor Industry
B2-3-I2 Eva Kovacevic	Université de Orleans	Low temperature low pressure low power reactive plasmas for 2D and multimaterials
B2-3-I3 Yong-Xin Liu	Dalian University of Technology	Equivalent circuit modeling for electrical parameter diagnostic of a pulse-modulated RF
B2-3-I4 Cheng-Ran Du	Donghua University	Vortex formation in a phase-separated binary complex plasma under microgravity
B2-3-I5 Evan Matthew Aguirre	Indian Institute of Technology Delhi	Direct measurements of ion dynamics in a dusty plasma
B2-3-O1 Wajid Ali	University of Peshawar	Ion-acoustic Solitary Waves with Arbitrary Degenerated Electrons and Positrons in Quantum Plasma
B2-3-O2 Shahid Muhammad	Women University of Azad Jammu	Paramagnetic Spin Drift Effects on the Propagation of Electrostatic Plasma Modes in Spin Quantum Plasmas
B2-4-I1 Kazunori Takahashi	Tohoku University	Radiofrequency plasmas in a magnetic nozzle: fundamental physics and applications
B2-4-I2 Zhuang Liu	Soochow University	Investigations of dust and impurities in EAST and HL-3 tokamaks
B2-4-I3 Aohua Mao	Harbin Institute of Technology	Structure characteristics of three-dimensional asymmetric magnetic reconnection in SPERF-AREX experiments
B2-4-I4 Kenichi Nagaoka	National Institute for Fusion Science	Negative-ion-meniscus response to RF perturbation in an injector-scale negative-ion source
B2-4-I5 Akira Sasaki	National Institutes for Quantum Science and Technology (QST)	Atomic Processes in laser produced tin plasmas for application to extreme ultra-violet (EUV) lithography
B2-4-O1 Zafar Iqbal	Government College University, Lahore	Propagation of nonlinear hydromagnetic waves in a cold dusty plasma
B2-4-O2 Zulfiqar Ahmad Abdul	Wali Khan University Mardan	Analysis of electromagnetic drift waves in inhomogeneous spin degenerate compact object's plasmas
B2-5-I1 Takuma Yamada	Kyushu University	Observation of transitions in meso-scale structures formed in plasma turbulence
B2-5-I2 Taiki Kobayashi	Kyushu University	Tomographic observation of solitary wave deformation by nonlinear effects of background asymmetry
B2-5-I3 Ramesh Narayanan	Indian Institute of Technology Delhi	Exploring the Potential of an ECR Source for Large-Area Hydrogen Negative Ion Production in Fusion Applications
B2-5-I4 Zijia Chu	Harbin Institute of Technology	Electron stacking phenomenon of residual charges in nanosecond pulsed coaxial dielectric barrier discharge
B2-5-O1 Donatella Fiorucci	ENEA, Research Center Frascati	Photo-neutralization-based NBI systems for Nuclear Fusion Power Plants
B2-5-O2 Shahzad Mahmood	Theoretical Physics Division, PINSTECH	Nonlinear ion-acoustic waves in quantum plasmas with arbitrary degeneracy of electrons
B2-5-O3 Rozina Chaudhary	G. Gulberg College for women (LCW, University)	Wave-particle interactions in quantum plasma
B2-5-O4 Num Prasad Acharya	Num Central Department of Physics, TU	DUST-ION ACOUSTIC SOLITARY WAVES IN MAGNETIZED DUSTY PLASMA WITH POSITIVE ION-BEAM CURRENT AND DUST CHARGE FLUCTUATIONS FOR NON-ADIABATIC AND ADIABATIC SYSTEMS
B2-6-I1 Zhehui Wang	Los Alamos National Laboratory	Data-driven dusty plasma research and applications through DustNET
B2-6-I2 Hanno Kaehlert	Kiel University	Dielectric response and collective modes of strongly coupled plasmas
B2-6-I3 Reetesh Kumar Gangwar	Indian Institute of Technology Tirupati	Optimization of reactive species generation in nonthermal atmospheric pressure Ar plasma using machine learning methods
B2-6-I4 Chenyao Jin	Hefei Institutes of Physical Science, CAS	The frequency limits of plasma response to pulsed ion acoustic wave excitation in a multi-dipole confined hot cathode discharge
B2-6-I5 Chen Zhou	Harbin Institute of Technology	Use of plasma electron spectroscopy method to detect gas particles in nonlocal plasma of short glow discharge
B2-6-O1 Asma Afzal	Forman Christian College (A Chartered University)	On effective radiational gravity acceleration at the interface of dense plasmas and vacuum
B2-6-O2 Abdur Rasheed	Govt. College University, Faisalabad	Understanding Dispersion Characteristics and Instability Dynamics of Plasma Modes with Ion Beams in Relativistic Quantum Environments
B2-7-I1 Fumiaki Mitsugi	Kumamoto University	Application of optical wave microphone for plasma jets
B2-7-I2 Simon P. H. Vincent	EPFL-SPC	Helicon waves in toroidal geometry
B2-7-I3 Daiki Nishimura	National Institute for Fusion Science	Rotational movement analysis for cylindrical plasma images obtained with tomography
B2-7-I4 Atsushi Okamoto	Nagoya University	High temperature bubble phenomenon in ECR plasmas
B2-7-I5 Akihito Ogawa	Kyoto Institute of Technology	Experimental analysis of the antisymmetric vorticity during convective vortex merging
B2-7-O1 Geethika B R	Institute for Plasma Research	Analysis of Polarized Emission from Laser Produced Plasma
B2-7-O2 Maroosh Akhter	Forman Christian College (A Chartered University)	The impact of quantized magnetic pressure on the stimulated Brillouin scattering of electromagnetic waves
B2-P1 Yu Takehiro	Hiroshima university	Amplitude of spontaneous emission of 112-nm Al3+ ion 3s-3p transition in neon-like aluminum laser plasma
B2-P2 RENJITH KUMAR R	Research Scholar	Study of laser ablation of thin film in rear and front ablation
B2-P2 Kiyoyuki Yambe	Niigata University	Multi-Layer Flow Structure Formed by Interaction of Plasma and Neutral Gas
B2-P3 Yuto Kambara	Hiroshima University	Development of plasma window for electron beam welding in atmosphere
B2-P4 Kosei Iguchi	Kyushu University	Evaluation of Charge of Microparticles in Plasma Using Optical Tweezers