

ISSS-15 + IPELS-16**Tuesday 6 August 2024****IPELS poster: 1 (13:30 - 18:20)**

[id] title	presenter	board
[20] Determining wave fields from particle orbits	SKIFF, Frederick	
[110] Preliminary Measurements of Non-Maxwellian Electron Energy Distributions During Magnetic Reconnection in a Laboratory Plasma	Mr PAWLAK, Joshua	
[107] Laboratory Study of Alfvén Wave Steepening	Dr ABLER, Mel	
[37] Overview of current research activities in the Magnetized Plasma Research Lab (MPRL): a collaborative research facility at Auburn University	THOMAS, Edward	
[75] Preliminary concept for an electrodeless Magnetic Reconnection Thruster (e-MRT)	MAHESHWARI, Kush	
[86] Gamma spectra of positronium from charge-exchange with magnetically confined positrons	VON DER LINDEN, Jens	
[82] Neural Network-driven Electric and Magnetic Field Reconstruction for Ion Radiography	JAO, Chun-Sung	
[99] Linear and Nonlinear Dynamics of Self-Consistent Collisionless Tearing Modes in Toroidal Gyrokinetic Simulations	WIDMER, Fabien	
[74] Energy Conversion and Particle Heating in Electron-only Magnetic Reconnection with Intense Guide Fields	REN, Jincai	
[97] Nonideal Fields in Relativistic Reconnection	GUPTA, Sanya	
[145] Anti-symmetric and Positivity Preserving Formulation of a Spectral Method for Vlasov-Poisson Equations.	ISSAN, Opal	
[144] Reconstructing Equatorial Electron Flux Measurements from LEO	STUMBAUGH, Dominique L.	

Thursday 8 August 2024

IPELS poster: 2 (13:30 - 18:00)

[id] title	presenter	board
[85] Laboratory investigations of Terrella	KRÁLÍKOVÁ, Pavlína	
[63] Localized electron acceleration at X-point during magnetic reconnection of two merging tokamak plasmas	TAKEDA, Shinjiro	
[28] Investigating the contribution of Simulated Background Solar Wind on WSA-ENLIL+CONE CME Model Prediction Error Using Machine Learning.	RAZA, Syed	
[72] Proposal for Gyrokinetic Simulation of a Neutron Star's Magnetosphere	STEINBRUNNER, Patrick	
[113] Laboratory studies of energy partitioning in laser-driven, quasi-perpendicular collisionless shocks	Dr VALENZUELA-VILLASECA, Vicente	
[88] Laboratory Experiments of Alfvén Wave Interactions in the Transition to the Kinetic Range	Dr GREESS, Samuel	
[102] Statistical study of energy dissipation in magnetic structures during turbulent reconnection in the Earth's magnetotail	WANG, Rachel	
[44] Hybrid gyrokinetics: Electromagnetic effects in weakly magnetized plasmas	THATIKONDA, Sreenivasa	
[104] A low collisional laboratory plasma for exploration of Fermi heating and the realization of a miniature Magnetosphere	GRADNEY, Paul	
[55] The viability of NGC 1068 as a neutrino source	VILLA, Daniele	
[18] Electron-only reconnection and ion heating in 3D hybrid-Vlasov plasma turbulence	GRANIER, Camille	