Poster Session PC: Tuesday 17 May 10:30 am – 12:30 pm

Abstract ID	Presenter	Title
PC-01	Michael Joseph Falato	ICF Image Classification Based on Cosine Similarity of Untrained Neural Network Output Vectors
PC-02		*Withdrawn*
PC-03	Benjamin Reichelt	Characterization of the impact of cable-chain and detector-configuration uncertainties on the impulse response of the Particle Time of Flight (PToF) detector at the National Ignition Facility
PC-04	Justin Kunimune	Accelerated implementation of the MRSt for time-resolved measurements of the neutron spectrum at NIF using solid-state and streak-camera detectors
PC-05	Maria Gatu Johnson	Upgrade of the Magnetic Recoil neutron Spectrometer on the National Ignition Facility for high yield operation
PC-06	Alex Shvydky	Fresnel Zone Plate Calculations for Application to Laser-Plasma Experiments
PC-07	Yuki Abe	Predictive capability of material screening by fast neutron activation analysis using laser-driven neutron sources
PC-08	Kevin Lamb	Estimating the propagation of instrument response function uncertainty into reconstructions of fusion neutron sources
PC-09	Donovan White	Beryllium Probe Neutron Diagnostic for a Gas-Puff Z-Pinch Neutron Source on a 1-MA, 100-ns Linear Transformer Driver
PC-10	Kathy Opachich	Density measurements for the NIF Iron Opacity Campaign
PC-11	Kenneth W. Hill	Study of krypton helium-b line shifts versus electron density in NIF compressed capsules
PC-12	Laurent Remy	Simulation and optimization of streak tube parameters for LMJ X-ray diagnostics
PC-13	Ghassan Zeraouli	Ultra-Compact X-ray Spectrometer (UCXS) for high repetition rate laser plasma experiments
PC-14	Dana Edgell	Scattered-Light Uniformity Imager for Diagnosing Laser Absorption Asymmetries on OMEGA
PC-15	Jack W. D. Halliday	Techniques used for the analysis of collective Thomson Scattering spectra obtained in experiments on the MAGPIE pulsed-power generator
PC-16	Mike Jaworski	An Ultraviolet Collective Thomson Scattering System for Intense Relativistic Electron Beam-Heated, High-Z Plasmas
PC-17	Rishabh Datta	Time-resolved velocity and ion sound speed measurements from simultaneous imaging and voltage measurement of inductive probes
PC-18	Radu Presura	Multi-monochromatic Imaging with Cylindrically Bent Convex Crystals
PC-19	Karin Fulford	High Resolution Fiber Imaging for Pulsed Power Experiments
PC-20	Tyler Gilbert	Measuring azimuthal magnetic field magnitudes in a plasma gun generated single flux rope with laser induced fluorescence
PC-21	Mitchell Paul	Laser Induced Fluorescence Measurements of Ion Velocity Distribution Functions in a Flux Rope

Abstract ID	Presenter	Title
PC-22	Auna Moser	A Tangential Upper View Bolometer array to measure radiated power in closed divertors on DIII-D
PC-23	Lei Zeng	Magnetic field measurement using simultaneous dual-polarization operation of profile reflectometry on DIII-D
PC-24	Yilun Zhu	System-on-Chip approach Microwave Imaging Reflectometer on DIII-D
PC-25	Julius Damba	Evaluation of the upgraded DIII-D Doppler backscattering system for high wavenumber measurement and signal enhancement
PC-26	Kshitish Barada	GHz emission measurements during type-I ELM events using a novel millimeter wave diagnostics system in DIII-D
PC-27	James Clark	First divertor Thomson scattering measurements on MAST-U
PC-28	Marco Tardocchi	A high resolution neutron spectroscopic camera for SPARC based on JET DT experience
PC-29	Igor Bykov	Compact Injector For Studies Of Solids Interaction With Fusion Plasmas
PC-30	Xiang Chen	Feasibility study for an electron temperature fluctuation diagnostic based on soft X-ray imaging
PC-31	Kobayashi Daichi	Spectroscopic Observation of Super-Alfvénic FRC Merging Process with Tracer-Containing Plasmoid
PC-32	Theodore Biewer	Organizational and Technical Issues Encountered during the Development and Deployment of a Portable Diagnostic Package for Plasma Spectroscopy
PC-33	Garrett Prechel	Installation of a Solid State Neutral Particle Analyzer Array on Mega Ampere Spherical Tokamak Upgrade