

Poster Session PF: Wednesday 18 May 8:30 pm – 10:30 pm

Abstract ID	Presenter	Title
PF-01	Tan Weiqiang	Gas Puff Imaging Diagnostic of Energetic Electrons and Plasma Current Distribution on the EXL-50 Experiment
PF-02	Lingling Dai	AXUV Radiation Diagnostics Upgrades for Improving Plasma Coverage under Harsh Environment on the EXL-50 Spherical Tokamak
PF-03	Mingyuan Wang	Radio frequency measurements of energetic-electron-driven emission using high frequency magnetic probe on ENN XunLong-50 spherical torus
PF-04	Joshua Hawke	Laser Based Plasma Diagnostics for the MTF Fusion Demonstration Plant
PF-05	Patrick Carle	Ion Temperature Diagnostics for the Fusion Demonstration Plant
PF-06	Curtis Gutjahr	Planned diagnostic suite of the MTF Fusion Demonstration Plant
PF-07	Ruggero Barni	Vis and Near-UV H ₂ emission lines as a diagnostic tool in magnetized plasma turbulence
PF-08	William Bin	Measurement of electromagnetic waves from runaway electrons
PF-09	Chuanxu Zhao	Toroidal soft X-ray diagnostic system for investigating deformation of J-TEXT tokamak magnetic field configuration with the addition of external rotational transform
PF-10	Davide Rigamonti	Role of neutron attenuators for gamma-ray measurements in DT magnetic confinement plasmas
PF-11	Dongjae Lee	Development of a 1 THz interferometer system for Korea Superconducting Tokamak Advanced Research
PF-12	Kevin Hwa Phung	Bayesian Calibration Of Magnetic Diagnostics
PF-13	Kamio Shuji	Active Fast Ion Charge Exchange Measurements Using a Neutral Particle Analyzer and Multiple Beam Species in C-2W
PF-14	Jie Chen	Faraday-effect polarimetry for current profile measurement in tokamak plasma edge
PF-15	Clive Michael	Commissioning and first results of Doppler back-scattering/reflectometry on MAST-U
PF-16	Junko Kohagura	Ku-band Multichannel Frequency Comb Doppler Reflectometer on the GAMMA 10/PDX Tandem Mirror
PF-17		<i>Withdrawn</i>
PF-18	Enac Gallardo-Diaz	A multi-monochromatic X-ray imager design for Kr K-shell line emission
PF-19	Jason Clapp	Observation and diagnostic application of Kr K-shell emission in MagLIF experiments at Z
PF-20	Jeffrey R Fein	Sparse-view tomographic reconstruction of MagLIF emission volumes using learned basis functions
PF-21	Thomas Schmidt	Infrared and Millimeter Wave Radiometry for Studies of Power Balance on Gas Puff Z-Pinch Plasmas

Abstract ID	Presenter	Title
PF-22	Luke Ceurvorst	Development of an X-Ray Radiography Platform to Study Laser-Direct-Drive Energy Coupling at the National Ignition Facility
PF-23	Andrew MacPhee	Performance of a Hardened X-ray Streak Camera at LLNL's National Ignition Facility
PF-24	Michael Rubery	A multi-layered mirror Dante channel for measurements of x-ray spectral power in the 2-4 keV range at NIF
PF-25	Maylis Dozieres	Reflectivity measurement of the X-ray transmission crystals used by the Imaging Spectroscopy Snout at the National Ignition Facility
PF-26	Justin Jeet	The Vacuum Cherenkov Detector (VCD) for g-Ray Measurements in ICF Experiments
PF-27	Takumi Minami	A scintillator pixel array for real-time spectroscopy of GeV-scale and multi-species ions produced in laser-plasma experiments
PF-28	James Knauer	Normalized Time Axis for Neutron Time-of-Flight Analysis
PF-29	David J. Schlossberg	Design of a multi-detector, single line-of-sight, time-of-flight system to measure time resolved neutron energy spectra
PF-30	Yongho Kim	Developing a Forward Model of Single-hit Array Detector for Neutron-Diagnosed Subcritical Experiment
PF-31	Jackson Williams	Tunable laser-driven neutron source for novel nondestructive imaging techniques
PF-32	Solumtochukwu F. Nwabunwanne	Tunable Picosecond AlGaN UV Photodiodes
PF-33	Steven Kostick	Assessment of the Calibration of the Scattered-Light Time-History Diagnostic at the National Ignition Facility
PF-34	Timothy Filkins	Calibration of the Sub-Aperture Backscatter System on OMEGA EP