

Poster Session PD: Tuesday 17 May 4:00 pm – 6:00 pm

Abstract ID	Presenter	Title
PD-01	Tullio Barbui	First results of a multi-energy hard x-ray camera in the WEST tokamak
PD-02		<i>Withdrawn</i>
PD-03	Giulia Marcer	A new dedicated signal processing system for gamma-ray spectrometers in high power DT plasmas scenarios in tokamaks
PD-04	Humberto Trimino Mora	Advances in the design of a heavy ion beam probe diagnostic for Wendelstein 7-X
PD-05	Siriyaporn Sangaroon	Installation of perpendicular compact neutron emission spectrometer in the Large Helical Device
PD-06	A.H. Glasser	The RMF Code
PD-07	Tomu Hisakado	Laboratory tests of CO ₂ laser collective Thomson scattering for measurements of ion temperature in the divertor
PD-08	Jae Young Jang	Initial Measurement of the ultrafast charge exchange spectroscopy (UFCEs) in KSTAR tokamak
PD-09	Courtney Johnson	Observation of energetic electrons during ohmic startup in MST tokamak plasmas
PD-10	Santanu Banerjee	Designing a high spatial and time resolution of beam emission spectroscopy diagnostic for localized density fluctuation measurements in LTX- β
PD-11	VINOTH SANGEETA	Collisional Radiative Model to predict the electron temperature in Hydrogen plasma
PD-12		<i>Withdrawn</i>
PD-13	Ian Allfrey	Internal Flux Measurements in a Spheromak Generated by a Magnetized Co-axial Plasma Gun
PD-14	Zichen He	Multi-channel Thomson Scattering Measurements on an Electrothermal Arc Source
PD-15	Max Austin	ECE bursting in DIII-D plasmas and implications for microwave diagnostics in next step devices
PD-16	SAEID HOUSHMANDYAR	Design of an electron cyclotron emission diagnostics suite for the Compass Upgrade tokamak
PD-17	Robert Dwyer	Upgrades and Multi-Channel Operation to the Verus Research HIDRA Diagnostic
PD-18	Slim HAMDANI	DIP, a dispersion interferometer to measure n_e at ITER
PD-19	Bryan Sullivan	EPICS Interface Between Laser Control Systems and Machine Learning Models for Real Time Monitoring, and Control of Petawatt-class Lasers
PD-20	Ryan Nedbailo	Compact High Repetition Rate Thomson Parabola Ion Spectrometer
PD-21	Jacob Percy	Development of a Compact Magnetic Spectrometer for use at OMEGA and the National Ignition Facility

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PD-22	Patrick Adrian	In-Situ calibration of Charged Particle Spectrometers on the OMEGA Laser Facility
PD-23	Timothy Johnson	Step-range-filter spectrometers for measurements of broad-band MeV-proton energy spectra at OMEGA and the National Ignition Facility
PD-24	Chris Danly	Spatially-Resolved Ion Temperature Measurement in ICF
PD-25	Noah Birge	Instrument design for an ICF ion temperature imager
PD-26	Edward Magee	The design, engineering, and implementation of a high energy-resolution, time-resolved x-ray spectrometer for use on high-intensity, short-pulse laser experiments
PD-27	John Seely	Hard X-ray Spectrometer Calibrations using a Portable 120 kV X-ray Source
PD-28	Antoine Lejars	Hard x-rays multiband microscope for high density plasma diagnostic
PD-29	Yosi Ehrlich	Calibration of back illuminated CCD and BAS-TR image plate detectors at the thermal emission band of high Z targets laser produced plasmas (70-2000eV)
PD-30	Steven Pitt	Simulations and Measurements of Bilamellar tubes
PD-31	Vincent Trauchessec	Time-Resolved Backscatter Imaging System on LMJ
PD-32	Aaron Hansen	CAUCHOIS TRANSMISSION SPECTROMETER FOR STREAKED X-RAY MEASUREMENTS ON THE Z-MACHINE
PD-33	Gary Whitlow	Implementing auto-loading germanium counting systems for neutron activation measurements at Sandia's Z-Facility
PD-34	Owen M. Mannion	Calibration of a compact recoil spectrometer for experiments on Z