

Poster Session PE: Wednesday 18 May 10:30 am – 12:30 pm

Abstract ID	Presenter	Title
PE-01	Matthew Wallace	Sub-keV design for the National Ignition Facility's Soft X-ray Opacity Spectrometer and expansion into time-resolved measurements
PE-02	Eric Dutra	2nd and 3rd order spectral energy corrections with penumbral de-blurring methodology for Opacity platform used on NIF
PE-03		<i>Withdrawn</i>
PE-04	Shaun Kerr	Construction and study of Instrument Response Functions (IRFs) for analysis of the NIF Neutron Time-of-flight (nToF) detectors
PE-05	Steven Ivancic	Design of the High-Yield Time-Gated X-Ray Hot-Spot Imager (XRHSI) for OMEGA
PE-06	Hui Chen	The correlation of NIF hohlraum dynamic x-ray measurements
PE-07	Théophile CHIRAC	Overview of the Laser MegaJoule's optical and X-ray framing and streak cameras
PE-08	G. Marshall	Pulsed Magnetic Field Solenoid Design for a Pulse Dilation Streak Camera (PDISC)
PE-09	Gilbert Collins	An update on the General Atomics LABORATORY for Developing Rep-rated Instrumentation and Experiments with Lasers (GALADRIEL)
PE-10	Aidan J Crilly	Constraints on Ion Velocity Distributions from Fusion Product Spectroscopy
PE-11	Tirtha Joshi	Diagnosis of the Imploding Shell Asymmetry in Polar-Direct-Drive DT Cryogenic Target Implosions on OMEGA
PE-12	Joseph Katz	Measurement of Laser Absorption in Underdense Plasmas Using Near-Field Imaging of the Incident and Transmitted Beams
PE-13	Jing Cheng	Cd,Mg)Te for Picosecond Response Optical to X-Ray Radiation Detectors
PE-14	Moshe Fraenkel	Laser produced soft x-ray source diagnostics with temporal, spectral and spatial resolution
PE-15	Nathan Hines	A Fiber-Coupled Dispersion Interferometer for Magnetically Insulated Transmission Line Low Electron Density Sheath Flow Measurements
PE-16	Peter J. Fimognari	Characterization of an electrostatic energy analyzer using measurement inversion
PE-17	Zhehui WANG	Data-driven meta-instruments for high-temperature plasmas
PE-18	Juri Ogasawara	Development of Rogowski Probe for Internal Plasma Current Measurement in Collisional Merging Process of FRCs
PE-19	Taichi Seki	Development of Tomographic Imaging System for Collisional Merging Experiment of Super-Alfvénic Translated FRCs
PE-20	Kota Araoka	Development of Multichord Ion Doppler Spectroscopy System for Toroidal Flow Measurement of Field-Reversed Configuration
PE-21	Yuzhong Zhang	Normal spectral emissivity characteristics of tungsten in the mid-infrared region

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PE-22	Shuangbao Shu	Emissivity measurement of Tungsten using an infrared camera and a polarizer for Tokamak devices
PE-23		<i>Withdrawn</i>
PE-24	Dian Lu	A Wavelength Calibration System for X-ray Crystal Spectrometer on EAST
PE-25	Sang Gon Lee	Experimental Results from X-ray Imaging Crystal Spectrometer Utilizing Double Crystal Assembly in KSTAR
PE-26	Takeshi Ido	Conceptual Design of a Heavy Ion Beam Probe for the QUEST spherical tokamak
PE-27	Masahiro Kobayashi	Gas puff imaging system for edge plasma fluctuation measurements in Large Helical Device
PE-28	Phillip Bonofiglo	Characterizing Faraday Cup Foil Noise During Post-Processing Analysis in JET's Fast Ion Loss Detector Array
PE-29	Stefano Munaretto	AC compensation of 3D magnetic diagnostic signals in DIII-D and NSTX-U for real-time application
PE-30	Shaun R Haskey	Measurements of the Neutral Energy Distribution Using Spectrally Resolved Balmer-Alpha Measurements on DIII-D
PE-31	Tatsuhiko Nasu	Dual frequency-comb ka-band Doppler backscattering system in LHD
PE-32	Mads Givskov Senstius	A radiometer to diagnose parametric instabilities during O-X-B heating in MAST Upgrade
PE-33	Tokihiko Tokuzawa	3D Metal Powder Additive Manufacturing Phased Array Antenna for Multichannel Doppler Reflectometer
PE-34	Peiyun Shi	Multi-Dimensional Electron Velocity Distribution Functions Measured Via Incoherent Thomson Scattering System in PHASMA