

**Poster Session PA: Monday 16 May 10:30 am – 12:30 pm**

Abstract ID	Presenter	Title
PA-01	Anne Garafalo	Design and Characterization of the Hardened Single Line of Sight X-ray Diagnostic
PA-02	Clement Trosseille	Characterization and Commissioning of the Hardened Single Line of Sight Camera at the National Ignition Facility
PA-03	Matthew Hill	Progress towards a 1D imaging high-energy x-ray backlighter driven by NIF-ARC
PA-04	Nobuhiko Izumi	Evaluation of performance of silver activated phosphate glass plates as a high-resolution x-ray imaging detector
PA-05	Christian Stoeckl	Beam Pointing Verification Using X-Ray Pinhole Cameras on the 60-Beam OMEGA Laser
PA-06	Kwyntero V. Kelso	Photoionization Front Laboratory Experiments at the OMEGA Laser Facility
PA-07	Michael Springstead	Quantifying uncertainties due to data extraction in analysis of x-ray spectroscopy data
PA-08	Stanislav Stoupin	A Monte Carlo technique to model performance of streak-camera-based time-resolving x-ray spectrometers
PA-09	Heath LeFevre	The development of a continuum and line emission source for multiple measurements in high-energy-density plasmas
PA-10	Robert Cuffney	A Compact Fiber-Based Source for Delivering Trains of UV, Picosecond Pulses to Streak-Camera Diagnostics in Vacuum at the National Ignition Facility
PA-11	Benjamin Stanley	Nuclear Activation Analysis of Zirconium-90 Isomeric and Ground-State Reactions at the Omega Laser Facility
PA-12	Gordon Chandler	Neutron time-of-flight detectors used at Sandia's Z Machine
PA-13	Ronald Williams	A Study of Electron Beam Interactions with Relativistic Plasma Waves Using Fourier Transform Analysis
PA-14	Kevin Meaney	Design of multi-puck array for measuring time resolved ion temperature
PA-15	Landon Tafoya	Proton-induced damage in Ce-doped mixed garnet scintillators
PA-16	Trevor Miles Hutchinson	Bayesian Inferences of Electrical Current Delivered to Shocked Transmission Lines
PA-17	Jung-Hwa Kim	Design of an optical collective Thomson scattering system for X-pinch plasma jets
PA-18		<i>Withdrawn</i>
PA-19	Soobin Lim	Development of a Soft X-ray (SXR) Array Diagnostic System on Versatile Experiment Spherical Torus (VEST)
PA-20	Ji Huajian	Development of high-frequency photomultiplier tube detector used for the measurement of impurity emission in the vacuum ultraviolet range on EAST
PA-21	Matt Tobin	Machine learning-based tomography of plasma emissivity on C-2W

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PA-22	Fenton Glass	Thomson Scattering Measurements Using In-vessel Optics in the DIII-D Small Angle Slot Divertor
PA-23	Tsuyoshi Akiyama	Fast Wave Interferometer/Reflectometer for Ion Measurements on DIII-D
PA-24	J.L. Herfindal	Filterscope Upgrade on DIII-D
PA-25	Maximillian Major	Development of a Carbon-based Pedestal Fluctuation Measurement Diagnostic on DIII-D
PA-26	Danke Yang	Simulations of NBI-ICRH synergy in high power EAST scenarios
PA-27	Hui Lian	Non-Inductive Plasma Vertical Position Measurement for 1056s Discharge on EAST
PA-28	Xijie Qin	Assessment of Date Quality and Research Capability of the Integrated 2D Beam Emission Spectroscopy Diagnostic at HL-2A
PA-29	Juyoung Ko	Progress on radial electric field measurements using motional Stark effect diagnostic at KSTAR
PA-30	Daisuke Nishijima	Update of a zero-dimensional model to predict ion composition and particle balance from attached to detached deuterium plasmas in PISCES-RF
PA-31	Oscar Putignano	Conceptual design of a GEM based Cherenkov detector diagnostic for measurement of 17 MeV gamma rays from T(D, $\gamma$ )5He in magnetic confinement fusion plasmas
PA-32	Tomas Odstrcil	Robust Identification of Multi-Input Single Output (MISO) System Response for Efficient Pickup Noise Removal from Tokamak Diagnostics
PA-33	Shwetang N. Pandya	Radiation measurement with infrared imaging bolometer using a multi-layer radiation sensing module
PA-34	Alessandro Marinoni	A heterodyne Phase Contrast Imaging diagnostic for detection of Ion Cyclotron Emission and Helicon waves
PA-35	Wayne Goodman	Upgrade of the HSX Thomson Scattering diagnostic