

**Poster Session PG: Thursday 19 May 10:30 am – 12:30 pm**

Abstract ID	Presenter	Title
PG-01	Vladimir Glebov	A New Neutron Time-of-Flight Detector for D2 Yield and Ion-Temperature Measurements on OMEGA
PG-02	Hannah McClow	First Measurements of a Single-Hit Neutron Spectrometer Developed for a Z-Pinch Confinement Fusion Platform
PG-03	Michael A Mangan	Inferring DD- and DT-neutron yields from indium activation samples for tritium fraction DD-fuel ICF experiments
PG-04	Brian D. Appelbe	Modeling and Analysis of Nuclear Diagnostics for ICF
PG-05	Matthias Hohenberger	Developing a Combined-Environment, Neutron/MeV-Gamma Source for High-Energy Density Application
PG-06	Courtney Johnson	Proton deflectometry with in situ x-ray reference for absolute measurement of electromagnetic fields in high-energy-density plasmas
PG-07		<i>Withdrawn</i>
PG-08	Joshua Baltazar	Diagnosing Low-Mode ( $\ell \leq 6$ ) and Mid-Mode ( $6 \leq \ell \leq 40$ ) Asymmetries in the Explosion Phase of Laser-Direct-Drive Deuterium–Tritium Cryogenic Implosions on OMEGA
PG-09	Markus O. Schoelmerich	Developing a platform for Fresnel refractive-diffractive radiography with 1 $\mu\text{m}$ spatial resolution at the National Ignition Facility
PG-10	Nino Pereira	X-ray reflection topography of flat and bent crystals with microradian resolution
PG-11	Heather M. Johns	Roadmap for the Exposé of Radiation Flows Experiment on NIF
PG-12	Marco Romo Gonzalez	Freestanding, Thin-Membrane Zero B-Integral Beam Splitters
PG-13	Ke-Xun Sun	Enhanced Ultraviolet and Suppressed Blue and Yellow Photoluminescence from Neutron Irradiated GaN Crystals for Radiation Detection
PG-14	Tanner Cordova	Absolute calibration of the conical crystal configuration of the ZSPEC at the OMEGA laser facility
PG-15	Robert Dorst	Planar Laser Induced Fluorescence Mapping of a Carbon Laser Produced Plasma
PG-16	Sofiya Ghazaryan	Thomson scattering on the Large Plasma Device
PG-17	Seungmin Bong	Interferogram analysis based on synthetic dark-field Schlieren images for X-pinch plasmas
PG-18	Seongmin Choi	High voltage sensor with fast temporal resolution based on the linear electro-optic effect for the X-pinch plasmas
PG-19	MINSEOK KIM	Kinetic profile reconstruction for KSTAR plasmas using support vector machine regression and Gaussian process regression
PG-20	Thomas Roche	An Overview of and Update on the Diagnostic Suite of the C-2W Experimental Device
PG-21	Anton Bondarenko	Deployment of 300-channel Bolometry System on C-2W and First Results

Abstract ID	Presenter	Title
PG-22	Ryan S. Marshall	Upgraded Main Ion Charge Exchange Recombination Spectroscopy on the C-2W Field Reversed Configuration (FRC) Plasma
PG-23	Marcel Nations	High-fidelity inference of local impurity profiles in C-2W using Bayesian tomography
PG-24	Eli Parke	Automated Phase Counting Corrections for the C-2W FIR Interferometer
PG-25	Erik Granstedt	Helium line ratio imaging in the C-2W divertor
PG-26	Matsumoto Tadafumi	Multi-facing pyroelectric crystal-based bolometer system on the C-2W
PG-27	Patryk Nowak vel Nowakowski	Evaluation of Optical Transmission across Hard X-Ray Monitor System for the First Plasma Diagnostic System at ITER
PG-28	Joao Figueiredo	EUROfusion Diagnostic Enhancements in support of ITER research plan priorities
PG-29		<i>Withdrawn</i>
PG-30	Jinseok Ko	Effect of band-pass filter transmission distortion on motional Stark effect diagnostic with multiple-ion-source neutral beam injection environment in KSTAR
PG-31	Drew Elliott	A high-field side Thomson scattering system for the Lithium Tokamak Experiment- $\beta$ with off-normal viewing angles
PG-32	Arthur Dogariu	Neutral atom density in RF-heated PFRC-2 plasmas
PG-33	David L Brower	Faraday-effect polarimetry diagnostic for NSTX-U spherical tokamak
PG-34	David R. Smith	Design and turbulence measurement capabilities for a beam emission spectroscopy diagnostic system on Wendelstein 7-X