

Poster Session PH: Thursday 19 May 4:00 pm – 6:00 pm

Abstract ID	Presenter	Title
PH-01	Shishir Purohit	Initial results from time resolved LaBr based hard X-ray spectrometer for ADITYA-U tokamak
PH-02	Nilam Ramaiya	Initial Results from Near-infrared Spectroscopy on ADITYA-U Tokamak
PH-03	Devilal Kumawat	First results of Fast Visible Imaging Diagnostic in Aditya-U tokamak
PH-04	Varsha Siju	Investigating the effect of density variation on Pitch angle scattering events of Runaway electrons as observed through ECE Diagnostic at Aditya-Upgrade tokamak
PH-05	Grant Rutherford	A Tangential Viewing Hard X-Ray Camera for Use in the High Field Side Launch Lower Hybrid System
PH-06	Evan Leppink	High-Field-Side Scrape-Off Layer Reflectometer on DIII-D for LHCD Coupling Studies
PH-07	Ulises Losada	Commissioning a High-Resolution UV Spectrometer on DIII-D for Tungsten Erosion and Re-deposition Measurements
PH-08	Sayak Bose	Measurement of two-dimensional density evolution at the inversion layer during sawtooth crash using beam emission spectroscopy at DIII-D
PH-09	Javier Gonzalez-Martin	Commissioning of an Imaging Neutral Particle Analyzer for Trapped Ions on DIII-D
PH-10	Shi Peiwan	Development of solid-state terahertz interferometer and collective scattering diagnostic on the HL-2M tokamak
PH-11	yu xin	Synthetic analysis of electron cyclotron emission measurement from the high field side of HL-2M plasmas
PH-12	Yu ZHOU	Ray-tracing analysis for combined CPS/DBS diagnostic on the HL-2M tokamak
PH-13	Didier MAZON	Using LVIC in current mode for energy spectrum reconstruction: experiments and validation
PH-14	Jesús Poley Sanjuán	Conceptual study for velocity-space resolved thermal ion loss detection in tokamaks
PH-15		<i>Withdrawn</i>
PH-16	Jaehyun Lee	Broadband electron cyclotron emission measurement system for studying small-scale fluctuation structure and dynamics on KSTAR
PH-17	Minho Kim	Recent Progress of fast ion $D\alpha$ spectroscopy diagnostics on KSTAR
PH-18	Calvin Domier	Ultrashort Pulse Reflectometry (USPR) Results from HIT-SIU
PH-19	Xianzi Liu	The Poloidal High-k Scattering System for NSTX-U
PH-20	Christopher James Hickling	Ultra-Fast Langmuir Probe in Magnetised Plasma
PH-21	Brian J. Ritter	Overview and status of EMI Measurement and Characterization on the Z-Machine

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PH-22	Nelson Hoffman	Inferring ablator structure at stagnation from gamma-ray images of NIF capsule implosions
PH-23		<i>Withdrawn</i>
PH-24	Kristen Churnetski	Three-Dimensional Hot-Spot X-Ray Emission Tomography from Cryogenic Deuterium–Tritium Direct-Drive Implosions on OMEGA
PH-25		<i>Withdrawn</i>
PH-26	Toby Miller	Overview and status of X-Ray Streak Camera design and implementation on the Z-machine
PH-27	Patrick W Lake	Calibrations of Quartz (10-11) in both Laue and Bragg diffractions between 8 – 45 keV Using Micro-focusing X-ray Sources in Air
PH-28	Marien Simeni Simeni	Feasibility Studies of Single Shot Collective Thomson Scattering on an Extreme Ultraviolet Plasma Light Source
PH-29		<i>Withdrawn</i>
PH-30	Hannah Poole	Measurements of Warm Dense Matter Silicon based on angularly and spectrally dispersed X-ray scattering
PH-31	Andrew Lajoie	Multi-Camera Imaging to Characterize Jet and Liner Uniformity on the Plasma Liner Experiment (PLX)
PH-32	Nancy Fujikado	Two-Color Fiber Coupled Interferometry for Density Measurements from Electron Beam-Heated Targets
PH-33	Gerrit Bruhaug	Development of a Hardened THz Energy Meter for Use on the Kilojoule Scale, Short Pulse OMEGA EP Laser
PH-34	Kelly Swanson	Fast and accurate analysis of a scintillator-based electron spectrometer for high-repetition rate, laser-driven particle acceleration experiments using machine learning