

POSTER SESSION 1 - Monday 23, April		POSTER SESSION 2 - Tuesday 25, April		POSTER SESSION 3 - Thursday 27, April	
P1-1	Gamma-ray diagnostics for high-time resolution measurement in the large helical device <b>K. Ogawa</b>	P2-1	Impact of window temperature changes on ITER toroidal interferometer and polarimeter (TIP) measurements <b>T. Akiyama</b>	P3-1	Development of the FIR laser interferometer for the HL-2M tokamak <b>Y.G. Li</b>
P1-2	Study of beam ion anisotropy using multi-sightline CLYC7-scintillator-based compact D-D neutron spectrometers <b>L. Y. Liao</b>	P2-2	High-speed imaging for the diagnostics of rotating cluster in radio-frequency (RF) plasma <b>M-L Mitu</b>	P3-2	Ion and neutral particle diagnostics in Radio Frequency discharges in the upgraded TOMAS device <b>D. López-Rodríguez</b>
P1-3	Characterization of liquid scintillator-based compact neutron emission spectrometers for D-D neutron emission spectroscopy in the large helical device <b>S. Sangaroon</b>	P2-3	Imaging neutral particle analyzer measurements of mode-induced fast ion distribution function fluctuations in the DIII-D tokamak <b>X.D. Du</b>	P3-3	Laser diagnostics for low-temperature plasma characterization: E-FISH and laser induced fluorescence <b>L. Ibba</b>
P1-4	Overview of DD fusion product diagnostics at the Gas Dynamic Trap facility <b>E. I. Pinzhenin</b>	P2-4	Diagnostics for, and of, the open large volume TCV divertor transiting from attached to detached regimes <b>B.P. Duval</b>	P3-4	Design and fabrication of the CER microwave proton ion source <b>G. Anda</b>
P1-5	ECE diagnostics at the Wendelstein 7-X stellarator <b>M. Hirsch</b>	P2-5	Latest developments of SDD detectors for the neutron/gamma sensor for DEMO <b>E. Perelli Cippo</b>	P3-5	Wisconsin In situ penning (WISP) neutral partial pressure gauges in view of the quasi steady-state operation at Wendelstein 7-X <b>S. Sereda</b>
P1-6	High pressure miniature plasma focus characterization for efficient plasma emission <b>C. Karvounis</b>	P2-6	Real-time electron temperature and density measurement by thomson scattering for plasma control on LHD <b>H. Funaba</b>	P3-6	A comprehensive spectroscopic diagnostic suite for the C-2W field-reversed configuration device <b>M. Nations</b>
P1-7	Runaway electrons instability measurement and analysis at the COMPASS and FTU devices <b>W. Bin</b>	P2-7	Proposal for measurement of p- <sup>11</sup> B reaction in the EHL-2 spherical torus <b>Z. Li</b>	P3-7	Overview of C-2W diagnostic systems and experimental results <b>T. Roche</b>
P1-8	Conceptual design of a visible spectroscopy diagnostic for DTT <b>A. Belpane</b>	P2-8	Real-time correction of modulator in dispersion interferometer on HL-2M <b>H.X. Wang</b>	P3-8	Ablator - laser preheating simulations for diagnostic optimization <b>H. Papadaki</b>
P1-9	Velocity-space analysis of the first fast-ion losses measured in MAST-U using a high-speed camera in the FILD detector <b>L. Velarde</b>	P2-9	Runaway electron studies via HXR spectroscopy at Golem, COMPASS and TCV <b>J. Cerovsky</b>	P3-9	A neutron spectrometer for general fusion <b>R. Underwood</b>
P1-10	Thermal cycling of prototype bolometer sensors for ITER <b>S. Jahanbakhsh</b>	P2-10	Conceptual design of the visible / near-infrared camera system for the COMPASS Upgrade tokamak <b>J. Cavalier</b>	P3-10	EUROfusion Diagnostic Enhancements in support of ITER research plan priorities <b>J. Figueiredo</b>
P1-11	Ionization dynamics in ultra-relativistic laser plasmas using X-ray free electron lasers <b>M. Mishchenko</b>	P2-11	Designing a midplane turbulence probe for MAST-U <b>W. G. Fuller</b>	P3-11	Diagnostics upgrades for the RFX-mod2 facility for multi-magnetic-configuration exploration <b>M. Zuin</b>
P1-12	Development of GaAs and GaN passive millimeter-wave imaging diagnostics on the DIII-D tokamak <b>Y. Chen</b>	P2-12	Machine-learning correction of misalignment effects in density profiles from Thomson scattering <b>G. Fuchert</b>	P3-12	Time-integrated measurements of the X-ray source size using a Pin-hole camera <b>A. Skoulakis</b>
P1-13	Development of a vertical edge thomson scattering diagnostic on HL-2M tokamak <b>S. B. Gong</b>	P2-13	X-ray radiography of a titanium wire isochorically heated by laser-accelerated electrons <b>O. Turianska</b>	P3-13	ITER-like Thermal sensors for the Beam Line Components in MITICA and ITER HNB <b>M. Brombin</b>
P1-14	Space and Time resolved plasms density estimated from H $\alpha$ /OI atomic lines generated by nanosecond discharge in liquid water <b>G. Arora</b>	P2-14	A fast Thomson scattering system for the transient plasma physics phenomena in LHD <b>R. Yasuhara</b>	P3-14	Characterization of ultrafast cameras for the plasma diagnostics of the Laser Megajoule <b>T. Chirac</b>
P1-15	Design and component testing for a new steady-state multi-channel dispersion interferometer at Wendelstein 7-X <b>K. J. Brunner</b>	P2-15	Feasibility study of a coherence imaging charge exchange recombination spectroscopy diagnostic for Wendelstein 7-X <b>R. López-Cansino</b>	P3-15	Heat flux and ion temperature measurements with the Multi-Purpose Manipulator at Wendelstein 7-X <b>P. Drews</b>

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P1-17	Updates of Coherence Imaging Spectroscopy at Wendestelstein 7-X for scrape-off layer measurements <b>V. Perseo</b>	P2-17	Application of a sparse sensor placement technique to the limited diagnostic set in DEMO <b>J. Raukema</b>	P3-17	Study of effects influenced to the sub-THz unambiguous interferometer probing waves in plasma expected on COMPASS-Upgrade <b>M. Varavin</b>
P1-18	Alkali Beam Emission Spectroscopy for absolute electron density radial profile measurements for NSTX <b>M. Lampert</b>	P2-18	The first results of the HCN interferometer measuring atmospheric pressure air plasmas <b>J.B. Zhang</b>	P3-18	Characterization of ion beam generated by an anode layer ion source <b>A.V. Kaziev</b>
P1-19	First measurements of an imaging heavy ion beam probe at the ASDEX Upgrade tokamak <b>J. Galdon-Quiroga</b>	P2-19	Clippers ESTER Metrology Results <b>P. Bertelli</b>	P3-19	Characterization of arcs occurring on nanostructured tungsten surfaces under ion irradiation in an ICP <b>M. S. Kukushkina</b>
P1-20	Validation of the synthetic diagnostic model for the imaging Heavy-Ion Beam Probe <b>P. Oyola</b>	P2-20	Impact of ambient temperature on the filter polychromators performance and accuracy of Thomson scattering diagnostics <b>T.C. Zhang</b>	P3-20	Status of the Development and Testing of Port-Plug and ECH-Protection Components for the ITER Low-Field Side Reflectometer <b>C. M. Muscatello</b>
P1-21	On the injection, wave breaking and filamentation of electrons in LWFA <b>R. Iovanescu</b>	P2-21	Novel multi-energy soft x-ray camera in the WEST tokamak: first data and synthetic diagnostic <b>O. Chellaï</b>	P3-21	The single crystal diamond-based diagnostic suite of the JET tokamak for 14 MeV neutron spectroscopy measurements in DT plasmas <b>D. Rigamonti</b>
P1-22	Investigation of inward particle flux formation in the PKU Plasma Test (PPT) device <b>T. C. Xu</b>	P2-22	CCD direct detection on a SPRED spectrometer <b>U. Sheikh</b>	P3-22	X-ray imaging based temperature estimates of warm dense matter of a thin Ti wire heated by laser-accelerated relativistic electrons <b>A. S. Martynenko</b>
P1-23	Reconstruction method of laser-driven ion-beam trace probe diagnosing the poloidal magnetic field in spherical tokamak <b>Z.Y. Zhang</b>	P2-23	Investigation of the released p-11B fusion energy from proton beam interaction with 11B target <b>C. Daponta</b>	P3-23	Measuring the equation of state of boron nitride in extreme conditions <b>D. Batani</b>
P1-24	Designing active spectroscopy on Magnum-PSI to characterize neutral particles in detached conditions <b>I. G. J. Classen</b>	P2-24	First results of a multi-energy hard x-ray camera on the WEST tokamak <b>T. Barbui</b>	P3-24	Spectroscopic temperature determination of a hydrogen plasma <b>S. Arjmand</b>
P1-25	X-Ray Emissivity Models as a Tool for Benchmarking Steady-State ECR Plasma Simulations <b>B.t Mishra</b>	P2-25	Motional Stark effect modelling for CASPER <b>P. Balázs</b>		
P1-26	Oxygen plasma diagnostic for a negative ion beam source <b>J. Han</b>	P2-26	Simultaneous measurement of co- and counter-current ions with a Fast Ion Loss Detector on the TCV tokamak <b>J. Poley-Sanjuán</b>		
		P2-27	Novel approach to proton-boron fusion using protons generated through laser-induced thermonuclear DD reaction <b>P. Tchórz</b>		