Poster Session 2 [November 6 (Wednesday) 13:40 - 15:40]

No.	Name	Title
P2-01	Naohiro KASUYA	Application of numerical diagnostics to fluctuation simulations of torus plasmas
P2-02	James Hamilton Palmer RICE	Development of Langmuir Probe Diagnostic for Measurement of Scrape-Off Layer Conditions in RF-Driven Plasmas in TST-2
P2-03	Jacobo VARELA	Effect of the tangential NBI current drive on the stability of LHD plasma
P2-04	Yongtae KO	Observation of parametric decay instability in the TST-2 LHW driven plasmas
P2-05	Shinji KOBAYASHI	Flow Velocity Fluctuation Measurements with Ultra-Fast Charge Exchange Recombination Spectroscopy in Heliotron J
P2-06	Ryohei TAKEHARA	Demonstration of Helicon Wave Current Drive for Application in Advanced Tokamak Regimes
P2-07	Kotaro IWASAKI	Measurement of the flow of Ohmic plasmas on the TST-2 spherical tokamak
P2-08	Linge ZANG	Design of the analyzer for a new E//B NPA and the neutral count estimation for HL-2A/2M tokamak
P2-09	Shinichiro KOJIMA	Comparison of parametric decay instability on Bernstein mode conversion between HFS and LFS injections in QUEST
P2-10	Yasuko KAWAMOTO	Quantitative valuation of impurity influence on Z_{eff} diagnostic for LHD
P2-11	Kyohei KONDO	Improvement of Plasma Shape Reconstruction in UTST Plasma by Normalization of Boundary Integral Equations
P2-12	Arlee TAMMAN	Diagnostic System for First Phase of Thailand Tokamak 1
P2-13	Ming Lie YAO	Simulation and Experimental Test Research on Hydrogen/Deuterium-α Visible Spectra Diagnosis Based on HL-2A Tokamak
P2-14	Satoshi OHDACHI	Tomography Reconstruction Method of the SX Emission Profile for the Next Generation Non-Circular Tokamaks
P2-15	Yasuji HAMADA	Study of quasi-steady and burst-like magnetic fluctuations in JIPPT-IIU tokamak high-beta plasmas using a heavy ion beam probe
P2-16	Takao FUKUYAMA	Dynamic behaviors of ionization waves focused on coherence resonance
P2-17	Qilin YUE	Measurement of Dynamic Retention with Fast Ejecting System of Targeted Sample
P2-18	Haruhisa NAKANO	EFFECT OF OFF-AXIS ECRH ON PERFORMANCE OF HIGH ION TEMPERATURE DISCHARGE IN LHD
P2-19	Yasuto KONDO	Measurement of Radial Electric Field Using Doppler Reflectometer in High-Density Plasma of Heliotron J
P2-20	Suguru MASUZAKI	Investigation of the Ratio of Hydrogen Isotopes in Plasms in the Large Helical Device
P2-21	Tetsutarou OISHI	Temporal Evolution of Emissions from Tungsten Ions in Various Charge States Observed in Impurity Pellet Injection Experiments in Large Helical Device
P2-22	Yutaka FUJIWARA	Validation of Enhanced FIDASIM Using FIDA and Neutron Diagnostics for Fast-Ion Studies in the Large Helical Device
P2-23	Manabu TAKECHI	Simulation of the fast position control coils for JT-60SA Plasma Control
P2-24	Keigo OTA	Evaluation of the momentum dependence of radial diffusion coefficient on density and heat transport in tokamaks
P2-25	Takeo NISHITANI	Neutronics assessment of a compact D-D neutron generator as a neutron source for the neutron calibration in magnetic confinement fusion devices
P2-26	Takuya GOTO	Improvement of the performance of the helical fusion reactor FFHR by the modification of the helical coil winding law
P2-27	Makoto KOBAYASHI	Design of neutron spectrum-shaping assembly around the pneumatic tube-end in the LHD torus hall for the medical research application
P2-28	Masahiro TANAKA	Analysis of hydrocarbons in the exhaust gas of a fusion test device using infrared absorption spectroscopy
P2-29	Junichi MIYAZAWA	Improved Design of a Cartridge-Type Helical Blanket System for the Helical Fusion Reactor FFHR-b1
P2-30	Bong Guen HONG	Impact of Neutronics and Plasma Physics Constraints on System Parameters of a Tokamak Fusion Reactor
P2-31	Jabir AL SALAMI	DEVELOPMENT OF SPH METHOD FOR SIMULATION OF LIQUID METAL DIVERTORS
P2-32	Hitoshi TAMURA	Topology optimization study for magnet support in helical fusion reactor
P2-33	Takeru OHGO	Experimental study on the Plasma Irradiation to the Metal Pebble Flow in the TPDsheet-U
P2-34	Kunqi HU	Visualization of the magnetic field lines in a large helical device
P2-35	Shuji KAMIO	Neutron Effect on the Single Crystal CVD Diamond NPA
P2-36	Naoko ASHIKAWA	Deuterium retention and permeation of metallic specimens exposed to divertor plasmas in KSTAR
P2-37	Taichi SEKI	Behavior of a Tracer-Containing Compact Toroid in a Transverse Magnetic Field
P2-38	Ryota TAKENAKA	Reconstruction for Microwave Holography using 3D-numerical-calcurated reflection Wave
P2-39	Kazuya ICHIMURA	Evaluation of the Gas Pressure in Divertor Simulation Experiments Seeded with Nitrogen-Hydrogen Mixed Radiator
P2-40	Jhoelle Roche M. GUHIT	Spectroscopic Studies of Magnetized Hydrogen Plasma via Duoplasmatron Ion Source on Near Metal Surfaces
P2-41	Makoto OYA	Atomic and Molecular Processes in Plasma Decomposition Method of Hydrocarbon gas
P2-42	Aliena Mari MIRANDA	Laser desorption measurement of cesium adsorbed on a molybdenum plasma grid of a negative hydrogen ion source
P2-43	Masahiro HASUO	Dynamics Observation of an Atmospheric Pressure and Low Temperature Helium Plasma Jet by Laser Spectroscopy on the 2^3S Atoms
P2-44	Takumi MIHARA	Experimental investigation of electron acceleration process during high guide field magnetic reconnection in UTST
P2-45	Toshiki HARA	Evaluation of spatial characteristics of divertor simulation plasma during impurity seedings in GAMMA 10/PDX
P2-46	Naruyuki UESHIMA	Flow Structure Formed by Turbulence in PANTA
P2-47	Masashi KISAKI	Ion Mass Effect on Beam Deflection Compensation by Aperture Displacement and Application of Ferromagnetic Material as an Alternative Compensation Technique
P2-48	Yamato TSUNOKAKE	Confinement of D-3He fusion product particles in a non-adiabatic trap
P2-49	Yuto SUGIKI	Quasi-equilibrium calculation with external magnetic flux decay in field-reversed configuration plasma
P2-50	Kojiro SEKIGUCHI	Hollow cathode discharge experiment applying magnetic field of permanent magnets
P2-51	Ryo MATSUMOTO	Particle simulation for high-density hollow cathode discharge
P2-52	Keito HANA	Development of Cs-free negative ion source by sheet plasma
P2-53	Hiroshi SHIMIZU	Numerical analysis of quantum mechanical $\boldsymbol{E} \times \boldsymbol{B}$ drift in non-uniform electric fields
P2-54	Keiji FUIJTA	GLOBAL CALCULATION OF IMPURITY TRANSPORT INCLUDING THE VARIATION OF ELECTROSTATIC POTENTIAL ON THE FLUX SURFACE IN HELICAL PLASMAS
P2-55	Shunsuke USAMI	Strange Shapes of Ion Velocity Distribution during Magnetic Reconnection in the Presence of a Guide Field
P2-56	Hiroto MATSUURA	Observation of Heat Flux Time Evolution Carried by Reentering Fast Ions
P2-57	Trang LE	Particle Simulation of Divertor Plasma with Electrical Biasing
P2-58	Atsushi FUKUYAMA	Comparison of integral-form and differential-form of dielectric tensor in kinetic full-wave analysis of cyclotron waves in tokamak plasmas
P2-59	Anggi Budi KURNIAWAN	Estimating ripple transport of fast tritons by D-D fusion in JT-60SA tokamak
P2-61	Malik IDOUAKASS	Numerical Investigation of Energetic Particle Driven Interchange Mode in LHD
P2-62	Atsushi M. ITO	Refinement of Interatomic Potential for Medium Energy Atomic Collision
P2-63	Keisuke ARAKI	Nonlinear energy transfer between parity reversal invariant subspaces in incompressible Hall magnetohydrodynamic turbulence
P2-64	Atsushi ITO	Parameter dependence of equilibrium with flow in reduced MHD models
P2-65	Ryosuke SEKI	Evaluation of Pressure Anisotropy derived NBI by using the Monte Carlo code
P2-66	Akira MATSUMOTO	Convergence-property Improvement of k-skip CG and k-skip MrR
P2-67	Seiki SAITO	Model of hydrogen recycling on divertor by molecular dynamics simulation for neutral transport analysis in LHD
P2-68	Yuya MORISHITA	Integrated Transport Simulation of LHD Plasma Applying the Ensemble Kalman Smoother
P2-69	Chio Z. CHENG	Discovery of Alfven-Slow Eigenmodes in Tokamaks
P2-70	Tetsuhiro OBANA	Investigation into quench detection for a mutli-stacked pancake coil wound with Nb3Sn CIC conductors
P2-71	Shinsaku IMAGAWA	Comprehensive Investigation of 25 Events of Propagation of Normal-zones in the LHD Helical Coils
P2-72	Tomohiro KAWASHIMA	AC dissipation current of dielectric material at high electric field in cryogenic
P2-73	Kazuki YAMADA	Assessment of electrical insulation performance of cryogenic fluids using partial discharge waveform
P2-74	Hidetoshi OGURO	Comparison of the mechanical and superconducting properties for various superconducting wires
P2-75	Kyohei YAMADA	Tape Shaped Nb3Al Conductor toward Large Helical Coils for Future Fusion System
P2-76	Yoshiro NARUSHIMA	Initial studies on large-current high-temperature superconductor WISE and its application to helical fusion devices
P2-77	Naoki HIRANO	Feasibility study of HTS coil cooling assist technology by magnetic refrigeration
P2-78	Yuta ONODERA	Non-destructive inspection of local defect in HTS conductor by using magnetization method
P2-79	Conor PERKS	The Role Of Ionization Versus Transport In Setting Plasma Density Profiles In LAPD
P2-80	Justin Ty COHEN	The Use of Divertor End Plates as Diagnostics in the Princeton Field Reversed Configuration II