Poster #1 (Nov.20, 10:50-)

No	Presenter	Affiliation	Paper	Category
P1-1	Fujita Yoshihisa	Department of Energy Engineering and Science, Nagoya University	Investigation of transmission efficiency in complex-shaped waveguide using real metals	1
P1-2	ohi yoshiharu	RIKEN Advanced Institute for Computational Science	Large-Scale Simulation of Electromagnetic Wave Problem Using Meshless Time Domain Method with Parallel Processing	1
P1-3	Itoh Taku	Tokyo University of Technology	Meshless Time-Domain Method with Modified RPIM Based Shape function for Electromagnetic Wave Propagation Simulation in Complex Shaped Domain	1
P1-4	Iwata Kazuki	Department of Intellectual Information Engineering, Faculty of Engineering, University of Toyama	2-D particle-in-cell simulations of the coalescence of sixteen current loops in plasmas	1
P1-6	Fujiwara Susumu	Kyoto Institute of Technology	Molecular dynamics simulation of micellar shape transition in amphiphilic solution	1
P1-7	Saito Seiki	Nagoya University	Erosion and Retention Process of Metal Material under Plasma Irradiation by Binary-Collision-Approximation-Based Simulation	1
P1-8	Nakamura Hiroaki	National Institute for Fusion Science	Binary-collision-approximation simulation for noble gas and hydrogen irradiation onto plasma facing materials	1
P1-9	Kamitani Atsushi	Yamagata University	Numerical Investigations on Crack Identification in High-Temperature Superconducting Film	1
P1-10	Takayama Teruou	Yamagata University	Numerical Simulation of Contactless Methods for Measuring jC in High-Temperature Superconducting Film: Influence of Defect on Resolution and Accuracy	1
P1-11	Saitoh Ayumu	University of Hyogo	Speed-up Technique of Extended Boundary Node Method for Large-Scale Simulation	1
P1-12	Nakano Yuji	Nagoya University	Study on in-situ calibration for neutron monitor in the helical type fusion experimental device based on Monte Carlo calculations	1
P1-13	Sakai Akira	Department of Nuclear Engineering, Kyoto University	Integrated heat transport simulation of multi-ion-species plasma in LHD	1
P1-14	Satake Shinsuke	National Institute for Fusion Science	Adaptive source and sink terms in delta f neoclassical transport simulation for steady-state solution	1
P1-15	Spong A. Spong	Oak Ridge National Laboratory	Computationally efficient models for the simulation of energetic particle physics in toroidal magnetic confinement devices	1
P1-16	Ascasibar Enrique	CIEMAT	Survey of the TJ-II database focused on the characterization of NBI-driven Alfvén eigenmodes	2
P1-17	WANG Hao	National Institute for Fusion Science	Simulation study of a new kind of energetic particle driven geodesic acoustic mode	2
P1-18	Peng Martin Yueng-Kay	ORNL, UT-Battelle; U. Tokyo	Two-Fluid MHD Equilibrium Considerations of Te/Ti >> 1, Collisionless Plasmas Sustained by RF Electron Heating	2
P1-19	Huang Botsz	National Cheng Kung University	Fusion born alpha particle diffusion simulation in ballooning type background turbulence	2
P1-20	Natsume Hiroki	Nagoya University	Simulation of sawtooth oscillation in burning plasma	2
P1-21	Hatori Tomoharu	Graduate University for Advanced Studies (Sokendai)	Two-fluid/FLR effects on Kelvin-Helmholtz instability in 2D slab	2
P1-22	Goto Ryosuke	The Graduate University for Advanced Studies (SOKENDAI)	Nonlinear simulation of the Rayleigh-Taylor instability in a 2D slab under Hall and gyro-viscous effects	2
P1-23	Hideaki Miura	National Institute for Fusion Science	Simulation study of short-wave instability by the use of a portable AMR module	2
P1-24	ICHIGUCHI Katsuji	National Institute for Fusion Science	MHD Simulation of RMP-Imposed LHD Plasmas	2
P1-25	Shiraishi Junya	Japan Atomic Energy Agency	On kinetic resistive wall mode theory with sheared rotation	2
P1-26	Ito Atsushi	National Institute for Fusion Science	Stability analysis of toroidal equilibria with flow in the high-beta reduced magnetohydrodynamic model	2
P1-27	Kosuga Yusuke	IAS/RIAM, Kyushu University	Relative dispersion of trapped ion granulations in sheared flows	2
P1-28	Hasegawa Hiroki	National Institute for Fusion Science	Spontaneous flows and kinetic effects in a plasma coherent structure	2
P1-29	Suzuki Yasuhiro	National Institute for Fusion Science	Finite Beta Effects on Magnetic Field Structure in SDC LHD Plasmas	2
P1-30	Sato Masahiko	National Institute for Fusion Science	Propagation of interchange modes	2
P1-31	Ishizaki Ryuichi	National Institute for Fusion Science	MHD simulation on pellet injection in the LHD	2
P1-32	Kanno Ryutaro	National Institute for Fusion Science	Development of a delta-f drift-kinetic simulation code for estimating transport coefficients of realistic and various toroidal plasmas	2
P1-33	Matsuoka Seikichi	Research Organization for Information Science and Technology	The radial electric field analysis of high Te plasmas in LHD by neoclassical transport simulation	2
P1-34	Sugama Hideo	National Institute for Fusion Science	Transport processes and entropy production in helical plasmas with ExB flows	2
P1-35	Watanabe Tomo-Hiko	NIFS	Flux-tube train model for toroidal plasma turbulence simulation	2
P1-36	ASAHI Yuuichi	Tokyo Tech	Regulation of electron temperature gradient turbulence by zonal flows driven by trapped electron mode	2
P1-37	Ishizawa Akihiro	National Institute for Fusion Science	Finite-beta gyrokinetic turbulence simulations compared with Large Helical Device experiments	2
P1-38	Nunami Masanori	National Institute for Fusion Science	Gyrokinetic simulation study for collisional effects on ion temperature gradient mode and zonal flows	2
P1-39	Tanaka Kenji	NIFS	Response of turbulence associated with the change of density profiles in LHD heliotron and JT-60U tokamak	2
P1-40	Nakanishi Kousuke	Interdisciplinary Graduate School of Engineering Sciences Kyushu University Department of advanced Energy Engineering Sciences	New Method for Evaluation of Ion Temperature Fluctuation in PANTA	2
P1-41	Fukuyama Atsushi	Kyoto University	Progress of integrated modeling of tokamak plasmas by the TASK code	2
P1-42	SETO Haruki	Kyoto University	Two-dimensional transport simulation of tokamak plasma including core and peripheral region	2
P1-43	Yagi Masatoshi	JAEA	Simulation study on non-local transport for peripheral density source	2
P1-44	Matsuura Hiroto	Osaka Prefecture University	The effect of the the V-shaped target geometry on neutral particle transport in divertor simulator TPD-SheetIV	2
P1-45	Kawamura Gakushi	NIFS	EMC3-EIRENE simulation of impurity transport in closed-divertor configuration of LHD	2
P1-46	Shoji Mamoru	NIFS	Simulation analysis of dust-particle shielding effect of the peripheral plasma in the Large Helical Device	2
P1-47	Tanaka H.	National Institute for Fusion Science	Multi-point analysis for understanding poloidal asymmetry of divertor flux in the Large Helical Device	2
P1-48	S. Masuzaki	National Institute for Fusion Science	Divertor design for the helical reactor FFHR	4
P1-49	Watanabe Tsuguhiro	National Institute for Fusion Science	LHD type magnetic configuration with a large blanket space	4
P1-50	Kitazawa Sin-iti	JAEA	Progress of preparation for ITER Divertor Thermocouple in JADA	4
P1-51	Miyata Yoshiaki	Japan Atomic Energy Agency	Study of Plasma Equilibrium Control for JT-60SA using MECS	4
P1-52	MAKINO Ryohei	Nagoya University	Development of a real-time power/polarization monitor using FPGA for electron cyclotron resonance heating on LHD	4
P1-53	Takeno Hiromasa	Kobe University	Effect of radio frequency field to charge separation in a cusp-type direct energy converter simulator	4
P1-54	Matsuyama Masao	University of Toyama	Tritium retention on stainless steel surface exposed to plasmas in LHD (III)	4
P1-55	Shinkawa Takayuki	University of Toyama	The Effect of hydrogen exposure on microstructure of Er2O3 coating layer prepared by MOCVD process	4
P1-56	Hasegawa Yoshito	Doshisha University	Time-dependent growth of carbon dusts in hydrogen plasma	4
P1-57	Nobuta Yuji	Hokkaido Univ.	Deuterium retention behavior of co-deposited carbon films formed on gap surface under deuterium discharge with inert gas mixture	4

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P1-58	Hatano Yuji	Hydrogen Isotope Research Center, University of Toyama	Analysis of hydrogen and deuterium by using glow discharge optical emission spectroscopy (GDOES)	4
P1-59	Kurishita Hiroaki	IMR, Tohoku University	Current activities in the interactive joint research at Tohoku University - Advanced evaluation of radiation effects on fusion materials -	4
P1-60	Hishinuma Yoshimitsu	National Institute for Fusion Science	Effect of heat cycling on microstructure and thermal property of boron carbide sintered bulk for shielding blanket	4
P1-61	Takahata Kazuya	National Institute for Fusion Science	Design and Development of an Indirect-cooled Superconductor for the LHD-type Fusion Reactor FFHR	4
P1-62	Yagi Juro	National Institute for Fusion Science	Hydrogen permeation through thin liquid Li17Pb83 alloy film	4
P1-63	Obana Tetsuhiro	NIFS	Modeling of butt joint composed of Nb3Sn cable-in-conduit conductors	4
P1-64	Fu Haiying	NIFS	Mechanical properties evaluation for joints of 9CrODS and JLF-1 reduced activation ferritic/martensitic steels	4
P1-65	Goto Takuya	NIFS	Improvement of evaluation of replacement cost of a fusion power plant	4
P1-66	Imagawa Shinsaku	NIFS	Experimental study on stress change of wires in a cable-in-conduit conductor by being twisted	4
P1-67	Tanaka Teruya	NIFS	Neutronics and heat removal analyses of carbide and hydride neutron shield for fusion reactor	4
P1-68	TAKAYAMA Arimichi	NIFS	First principles investigations on tungsten containing hydrogen and helium	4
P1-69	Oda Yasuhiro	NIFS	First-principles study on migration of vacancy in tungsten	4
P1-70	Kudo H.	Sophia University	Theoretical and experimental analysis of Nb3Sn strand buckling in large scale CIC conductor	4
P1-71	Terazaki Yoshiro	The Graduate University for Advanced Studies	Measurement and analysis of critical current of a 100 kA-class HTS conductor	4
P1-72	ZHOU Haishan	The Graduate University for Advanced Studies	Edge particle flow measurements by an F82H permeation probe in QUEST	4
P1-73	Hamada Toshihiro	The Univ. of Tokyo	Quantitative evaluation of fatigue impact on CS and TF coils in pulsed tokamak power plant	4
P1-74	Ito Satoshi	Tohoku University	Bridge-type mechanical lap joint of a 100 kA-class HTS conductor having stacks of GdBCO tapes	4
P1-75	shibata ryo	Osaka University	Hydrogen Co-Deposition due to the First Wall Ablation in a High Repetition Rate Inertial Fusion Reactor	4
P1-76	Yanagawa Takumi	Nagoya University	Implosion Simulation by Hydro Code Coupled with Laser Absorption using New Raytrace Algorithm	3
P1-77	Ozaki Tetsuo	NIFS	Estimation of ion temperature increase based on experimental hot electron spectra in fast ignition	3
P1-78	Li Baiwen	Institute of Applied Physics and Computational Mathematics	Theoretical study, simulation results and physics analysis of the deuterium-tritium thermonuclear reaction rate in the case of velocity groups	2
P1-79	Zhu Hao	Centre for Fusion, Space and Astrophysics, Warwick University, Coventry CV4 7AL, UK	Transitions between confinement regimes induced by changes in heating rate in a zero-dimensional model for tokamak plasmas	