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P4.145	E.A.Unterberg	Particle Exhaust and Scrape-Off Layer Conditions in ELM Suppressed Resonant Magnetic Perturbation Discharges on DIII-D
P4.147	E.P.Kruglyakov	Novosibirsk mirror traps. Status and prospects
P4.148	G.Granucci	The new linear plasma device GyM at IFP-CNR
P4.150	S.Moustaizis	On the expansion of high density plasmas in mirror-like magnetic topologies
P4.151	V.V.Postupaev	Advances in turbulent plasma confinement in multiple-mirror trap GOL-3
P4.152	V.V.Prikhodko	Experiment with Ambipolar Plug on GDT device
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P4.155	O.D'Arcangelo	Development of a Fast Switcher/Combiner diplexer for High Power ECRH Applications
P4.156	M. FurnoPalumbo	Analysis of RWM in ITER including 3D volumetric blanket modules
P4.158	M.Ishikawa	Effect of Thermal Neutrons on Fusion Power Measurement using Micro-Fission Chamber in ITER
P4.160	T.Koskela	ASCOT simulations of fast ion wall loads on the ITER first wall in the presence and absence of port limiters
P4.161	V.M.Leonov	Study of ITER Plasma Start-Up Conditions by ASTRA and DINA Codes
P4.162	J.B.Lister	Identification of the ITER plasma equilibrium using modulation
P4.163	Y.Nakamura	TSC Simulation of ITER Plasma Termination Scenario with Stable H-L Mode Transition and Avoidance of Radiation CollapseRadiation Collapse
P4.164	C.R.Seon	Design and fabrication of the prototype system for development of the ITER vacuum ultraviolet spectrometers
P4.165	M.Sugihara	Disruption and Runaway Electron Mitigation on ITER
P4.166	F.Villone	Multimodal ITER RWM analysis including 3D conducting structures

P4.167	A.S.Kukushkin	Operational Window for the Modified ITER Divertor
P4.169	K.Kovarik	Instrumentation for Hall sensor testing in ITER-like radiation conditions
P4.170	R.R. Khayrutdinov	Study of low Z pellets injection for disruption mitigation in ITER like tokamaks
P4.171	G.Serianni	Compensation of ion deflection and disposal of electrons in the ion source test facility for ITER neutral beam injectors
P4.172	T.Fujita	Progress of plasma assessment in JT-60SA
P4.174	E.Ascasibar	Global confinement in NBI plasmas of the TJ-II stellarator under lithium-coated wall conditions
P4.176	I.Calvo	Zonal flow-based interpretation of long-distance correlations in the edge shear layer of TJ-II
P4.177	F.Castejón	Calculated evolution of the Electron Bernstein Wave heating deposition profile under NBI conditions in TJ-II plasmas
P4.178	F.Castejón	Kinetic effects on particle flux induced by ECRH in TJ-II stellarator
P4.179	J.M.Fontdecaba	Ion confinement studies in NBI heated TJ-II plasmas using CX-NPA diagnostics
P4.180	F.Castejón	EBCD calculation in TJ-II using different models
P4.182	T.Happel	Perpendicular Plasma Velocity and Radial Electric Field Profiles measured by Doppler Reflectometry in the Stellarator TJ-II
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P4.184	J.J.Martinell	Radial Electric Field Computations in TJ-II and Comparison with HIBP Measurements
P4.185	K.J.McCarthy	The Observation of Spectral Lines from Ions of Fast Oxygen Injected into the TJ-II Stellarator during Neutral Beam Heating
P4.186	A.V.Melnikov	Turbulence and Plasma Potential Evolution Study by HIBP Diagnostic During L-H Transition in the TJ-II Stellarator
P4.187	P.Pedreira	Works towards the evaluation of the ultimate spatial resolution of the next two-color heterodyne interferometer for electron density measurements in the TJ-II Stellarator
P4.188	M.A.Pedrosa	Evidence of multi-scale correlations of fluctuations during transition to high confinement regimes in the TJ-II stellarator plasmas
P4.189	B.Zurro	Probing the edge ion temperature by passive Doppler spectroscopy in the TJ-II stellarator
P4.190	F.L.Tabares	Control of plasma profile by gas and impurity injection in TJ-II under Li wall conditions
P4.191	B.Zurro	Confinement of impurities injected by laser blow-off in the ECRH and NBI regimes of the TJ-II stellarator
P4.192	T.Andreeva	Development of the Wendelstein Line towards a Helias Reactor
P4.194	B.Coppi	The High Density Path to Fusion
P4.195	F.Bombarda	Testing of the High Speed Pellet Injector for Ignitor
P4.196	G.W.Pacher	Consistent Core-Edge Modelling of Impurity-Seeded Demo Plasma
P4.198	J.E.Vitela	Exploratory Studies of Power Generation Control in Tokamak Fusion Power Plants
P4.199	P.Devynck	The radiative power in Tore Supra and its link with Zeff
P4.200	D.Douai	Ion Cyclotron discharges for Tokamak wall conditioning in presence of a magnetic field recent experimental results on Tore Supra
P4.201	L.Gabellieri	A simplified automatic method to infer information about impurity content and spatial distribution in tokamak plasmas
P4.202	F.Imbeaux	Real time control of stationary states of the current profile on the Tore Supra tokamak
P4.203	M.Kocan	First evidence for poloidal asymmetries of radial ion energy transport by ion temperature measurements in the scrape-off layer of Tore Supra
P4.204	A.Romano	Global analysis of the 2-D Soft-X ray tomography reconstructions at Tore Supra by means of form factors

P4.205	F.Saint-Laurent	Control of Runaway Electron Beams on Tore Supra
P4.206	E.Trier	Observation of a localized radial electric field inversion in Tore Supra plasmas
P4.207	V.Fuchs	Fast electron generation by LH waves scattered on ponderomotive density modulations in front of LH grills
P4.208	L.Vermare	Scaling of turbulence and transport on Tore Supra with dimensionless parameters rho and nu
P4.209	D.Villegas	Influence of the electron temperature gradient on impurity transport in Tore Supra
P4.210	X.L.Zou	Heat and Particle Transport Experiments in Tore Supra and HL-2A with ECRH and SMBI
P4.211	M.Drevlak	Thermal Load on the W7-X Vessel from NBI Losses
P4.212	S.Schmuck	Localisation and spatial resolution of the ECE diagnostic system for W7-X
P4.216	T.Shikama	Application of the Zeeman patterns to local measurements of diatomic molecular spectra
P4.217	E.Z.Gusakov	Modelling of the turbulence wave number spectra reconstruction from the radial correlation reflectometry data
P4.218	B.J.Ding	Influence of Gas Puffing on Edge Plasma Characteristics in HT-7 Tokamak
P4.219	E.Yatsuka	Directly Verification of an Electron Bernstein Wave Heating in the Internal Coil Device Mini-RT
P4.220	A.Popov	Possibility of the giant scattering enhancement due to wave trapping in the reflectometry experiment

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P5.065	A.Mohri	A Method of Positron Plasma Formation Using Electron LINAC
P5.067	E.Kim	Dual role of shear flow in turbulent transport of magnetic fields
P5.068	S.C.Chapman	Evolving Magnetohydrodynamic Turbulence In The Quiet Fast Solar Wind
P5.070	S.Pantazis	Simulation of charged particle motion in a homogeneous magnetic field subject to a random force
P5.075	A.Romannikov	Relativistic Theory of Radial Electric Field Er r in non-periphery Tokamak Plasma
P5.076	S.P.Sadykova	Electric Microfield Distributions EMD in Alkali Plasmas with Account of the Ion Structure in a Moderately Coupled Approximation
P5.080	M.Taguchi	Transport equations for fast ions in turbulent plasma
P5.084	C.C.Lalescu	Implementation of high order spline interpolations for tracking charged particles in discretized fields
P5.086	M.W.Verdon	Wave propagation in a counterstreaming electron-positron plasma
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P5.133	I.T.Chapman	Nonlinear and Kinetic Effects on Resistive Wall Mode Stability
P5.134	R.Bingham	Experimental and numerical simulation of auroral cyclotron radiation mechanisms
P5.138	Y.Lin	ICRF Mode Conversion Flow Drive on Alcator C-Mod
P5.139	G.Anda	Concept of an Atomic Beam Probe diagnostic on COMPASS tokamak
P5.140	R.Panek	Status of the COMPASS Tokamak Reinstallation in Institute of Plasma Physics AS CR
P5.141	J.Stockel	Plasma Breakdown Studies on COMPASS
P5.143	M.Aizawa	Improved Particle Confinement by Magnetic Field Controll in Low Aspect Ratio L 1 Helical Systems
P5.144	V.I.Tereshin	Studies of mechanisms of transport barrier formation in RF discharge plasmas of the Uragan-3M torsatron

P5.145	S.Enge	Measurement of argon-ion temperature and flow velocities in TJ-K
P5.146	A.Köhn	Generation and heating of toroidally confined overdense plasma in TJ-K
P5.147	X.Y.Han	Measurement of ion temperature profile based on CXRS in HL-2A tokamak
P5.148	G.J.Lei	The Progress of NBI heating experiment on HL-2A
P5.150	H.W.Lu	Runaway electron behaviors on AC operation of the HT-7 tokamak
P5.153	M.I.Patrov	High density regimes in Globus-M
P5.155	J.Rosato	Line Radiation Transport in Tokamak Edge Plasmas Opacity and Fluctuations
P5.156	M.Uchida	Start-up and Formation of Spherical Torus Plasma by Electron Cyclotron Heating and Current Drive
P5.157	A.V.Voronin	Double pulse plasma gun for parameter controlling of Globus-M
P5.159	R.V.Budny	Progress testing TRANSP-TORIC analysis of ICRH in JET
P5.160	D.Frigione	Analysis of pellet fuelling, ablation and particle deposition at JET
P5.161	E.Giovannozzi	Optimizing performance of hybrid and AT discharges in preparation for the ITER like Wall
P5.162	K.K.Kirov	LH Wave Absorption and Current Drive Studies by Application of Modulated LHCD at JET
P5.163	P.T.Lang	Pellet fuelling and ELM triggering investigations at JET
P5.164	J.Mailloux	Development of a steady-state scenario in JET with dimensionless parameters approaching ITER target values
P5.166	P.Belo	Scrape-off-layer variations during Lower Hybrid ionization and ELMs
P5.167	D.VanEester	Numerical tools for monitoring the ITER-like Antenna at JET
P5.169	P.Buratti	MHD mode localisation in the JET tokamak
P5.170	M.Baruzzo	Sideband generated magnetic islands and magnetic coupling in JET tokamak
P5.171	L.Barrera	Inboard and outboard Type I ELM dynamics in JET measured by ECE
P5.172	C.D.Challis	Stability and confinement optimisation in the range q0 1-3 at JET
P5.174	E.delaLuna	Magnetic ELM triggering using the vertical stabilization controller in JET
P5.175	P.C.deVries	Statistical Analysis of Disruptions in JET
P5.176	J.P.Graves	Sawtooth control mechanism on JET using off-axis toroidally propagating ICRF
P5.177	J.A.Romero	Tokamak Plasma Inductance control at JET
P5.178	Y.Q.Liu	Modelling of resonant field amplification in JET
P5.179	P.Maget	Modelling of 2,1 NTM threshold in JET
P5.180	R.Nyqvist	Fast Ion Driven Alfvén Eigenmodes within the q 1 Radius
P5.181	F.M.Poli	Comparison between spontaneous ELMs and pellet-triggered events in JET plasmas
P5.183	S.Soldatov	Results of reflectometry studies on ELM dynamics in JET
P5.184	V.E.Lukash	Validation of Halo Current Model with DINA Code against JT-60U Disruption Shots
P5.185	S.Miyamoto	Modeling of L-H/H-L Transition in TSC Simulation Using JT-60U Experimental Data
P5.186	M.F.M.deBock	First multi-chord MSE measurements on MAST
P5.187	M.-D.Hua	Comparison of rotation damping by MHD with NTV theory in MAST
P5.188	J.McCone	Comparison of measured poloidal rotation in MAST plasmas with neo-classical predictions
P5.189	W.Schneider	Neutral particle diagnostics on MAST
P5.190	P.Tamain	Characterization of Scrape-Off Layer profiles and transport processes in MAST in the presence of Resonant Magnetic Perturbations
P5.191	D.Temple	The Radial Electric Field of MAST

P5.192	E.A.Azizov	Experiments at the T-11M device in substantiation of the tokamak with Lithium loop cycle
P5.196	N.Timchenko	Experimental study of particles and heat transport in T-10 Ohmic plasmas
P5.197	D.Borodin	Modelling of Be transport in PISCES-B including metastable states
P5.199	V.I.Tereshin	Wall conditioning RF discharges in Uragan-2M torsatron
P5.201	V.Fuchs	A Note on the Radial Extent of LH Wave Tokamak SOL Interaction
P5.202	V.Vekselman	LIF Characterization Of The Hollow Anode Plasma Ions
P5.204	G.M.Wright	Hydrogenic retention of high-Z refractory metals exposed to ITER divertor relevant plasma conditions
P5.205	A.B.Altukhov	The observation of the small scale magnetic fluctuations with UHR cross-polarization scattering diagnostic at the FT-2 tokamak
P5.207	A.D.Gurchenko	Implementation of Doppler UHR backscattering technique for investigation of the poloidal plasma velocity oscillations in the FT-2 tokamak
P5.210	P.Ivanova	Electron Langmuir Probe Current in Tokamak Edge Plasma
P5.211	S.Kalvin	Reconstruction of plasma edge density profile from lithium beam data using statistical analysis
P5.212	O.Marchuk	Influence of collisions on beam-emission of spectral lines
P5.213	S.Oldenbürger	Study of nonlinear mode couplings in a magnetized plasma column, Benefits of fast camera imaging
P5.214	M.G.Levashova	nl-Kinetics in H-like Impurity Ions Populated by Diagnostic Neutral Beam Charge-Exchange

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D1.001	M.Masek	Raman scattering from a laser plasma with enhanced collisions
D1.003	M.Jimenez	2D Axial Smmetrical Computer Simulation of Microwave Induced Plasmas Using Plasmio

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D2.001	M.Passas	Two-Dimensional Turbulence Analysis Using High-Speed Visible Imaging in SLPM Plasmas
D2.003	M.Scholz	Neutron measurements near JET vacuum vessel surface by multi-elements activation method

Session D4 (Post Deadline Thursday)

PaperID	Author	PosterTitle
D4.001	R.Wenninger	Comparison of divertor power loads of spontaneous and pellet triggered ELMs at JET

Session D5 (Post Deadline Friday)

PaperID	Author	PosterTitle

D5.001	P.Morel	Filtered Gyro-kinetic Simulations an attempt to reduce computational costs