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P5.108	V.Petrzilka	Energy Distribution Measurements of Fast Particles Generated in Front of the LH Grill Mouth in Tore Supra
P5.110	K.Takeda	Nonlinear evolution of magnetic islands in a turbulent plasma
P5.111	J.H.Belo	Coupling studies of the C3 Tore Supra LH multijunction
P5.112	T.M.Biewer	L-to-H power threshold comparisons between NBI and rf heated plasmas in the National Spherical Torus Experiment
P5.113	B.A.Nelson	Solenoid-free Plasma Start-up in HIT-II and NSTX using Transient CHI
P5.116	R.Maingi	Magnetic Field Line Tracing Calculations for Conceptual PFC Design in the National Compact Stellarator Experiment
P5.117	M.G.Bell	New Capabilities and Results for the National Spherical Torus Experiment
P5.119	O.Grulke	Scaling of radial turbulent structure velocities in the tokamak SOL
P5.120	D.Stutman	Perturbative studies of electron transport in NSTX
P5.121	M.C.Zarnstorff	Magnetic Alignment of NCSX and Control of Field Errors
P5.122	N.Pomphrey	Magnetic Flux Loop Design for NCSX
P5.124	P.Martin	High-frequency magnetic activity in MST

P5.126	J.K.Anderson	RF Heating and Current Drive Experiments on the Madison Symmetric Torus Reversed Field Pinch
P5.128	L.D.Pearlstein	Calculation of Neutral Beam Injection Into SSPX
P5.129	R.D.Wood	Spheromak Buildup in SSPX using a Modular Capacitor Bank
P5.130	J.A.Snipes	Moderate Toroidal Mode Number Alfvén Eigenmode Damping Rate Measurements on Alcator C-Mod
P5.132	M.Porkolab	Recent ICRF Results in Alcator C-Mod
P5.133	J.W.Hughes	H-mode pedestal and core plasma response to gas fueling on the Alcator C-Mod tokamak
P5.134	V.S.Voitsenya	The properties of contaminated films deposited on in-vessel mirrors in Large Helical Device, Tore Supra, TCV and TRIAM-1M
P5.135	J.S.deGrassie	Prompt, Collisionless Toroidal Momentum Balance with Short Neutral Beam Pulses in DIII-D
P5.136	E.M.Hollmann	DIII-D Studies of Massive Gas Injection Fast Shutdowns for Disruption Mitigation
P5.137	D.A.Humphreys	Predictive Modeling of Plasma Halo Evolution in Post-Thermal Quench Disrupting Plasmas
P5.138	C.C.Petty	MSE Measurements of NTM Structure and Suppression With ECCD
P5.139	D.M.Thomas	Edge Current Growth and Saturation During the Type I ELM Cycle
P5.141	R.A.Moyer	Edge Localized Mode Control in DIII-D Using Magnetic Perturbation-Induced Pedestal Transport Changes
P5.143	G.L.Jackson	Experiments and Modeling Using Resistive Wall Mode Feedback Control in DIII-D
P5.144	J.A.Boedo	Modification of Edge Plasma Turbulence by External Magnetic Perturbations
P5.145	P.C.Stangeby	¹³ C-Tracer Experiments in DIII-D Preliminary to Thermal Oxidation Experiments to Understand Tritium Recovery in DIII-D, JET, C-Mod, and MAST
P5.146	C.E.Kessel	Modeling of Fast Wave Heating and Current Drive in DIII-D High Performance Plasmas
P5.147	M.Choi	Effects of Fast Ions Produced by Fast Wave Heating in Neutral Beam Injected Plasma on Sawteeth Activities in the DIII-D Tokamak
P5.148	M.A.Makowski	Analysis and Modeling of DIII-D Hybrid Discharges and their Extrapolation to ITER
P5.150	V.E.Lukash	Progress on Combined DINA-CH and CRONOS Simulator
P5.152	G.T.A.Huysmans	Integrated Tokamak Modeling Taskforce The Integrated Modeling Project on Equilibrium and Linear MHD Stability
P5.154	R.Numata	Bifurcation structure in resistive drift wave turbulence
P5.155	J.-E.Dahlin	Improved Computer Simulations of Energy Confinement in the Advanced Reversed-Field Pinch
P5.156	E.V.vanderPlas	Contour dynamics modelling of collisionless magnetic reconnection

P5.157	C.V.Atanasiu	A model for resistive wall mode control
P5.158	A.Fredriksen	Coherent structures in sheared velocity flow
P5.159	F.Villone	Inclusion of 3D Effects of Conducting Structures in the Analysis of RWM
P5.160	D.A.D'Ippolito	Blob Transport at High Collisionality and the SOL Density Limit
P5.161	M.Baudach	Decomposition measurements of hydrocarbons in PSI-II
P5.162	K.J.Giannasi	Intermittent radial transport on the ULS linear plasma device
P5.164	M.Baeva	Effect of the vibrational relaxation in detached hydrogen plasma
P5.165	I.S.Landman	Plasma transport modelling with multiple-mapping magnetic surfaces
P5.166	R.Kochergov	Implementation of plasma diffusion models in the code TOKES
P5.167	H.J.deBlank	Carbon exposed to the intense hydrogen plasma jet of Pilot-PSI
P5.168	G.Popa	Floating-sheath formation in a collisional magnetized plasma
P5.170	A.Drenik	Measurements of Probability for Heterogeneous Recombination of Hydrogen Atoms on Surfaces of Fusion Relevant Materials
P5.171	J.Urban	Interpretation of EBW simulation and comparison with NSTX
P5.173	P.Lalousis	Interactions of two opposite moving pellets in the poloidal plane
P5.174	M.Koubiti	New calculations of Stark profiles of neutral helium lines
P5.175	K.Ronald	Helically corrugated waveguides for compression of frequency swept microwave pulses
P5.176	M.Nakamura	Use of a gamma-ray generating nuclear reaction for detecting the alpha-particle knock-on effect

Session D1 (Post Deadline Monday)

PaperID	Author	PosterTitle
D1.001	B.Reville	A current driven instability in parallel, relativistic shocks
D1.003	V.S.Udintsev	Oscillations of Electron Temperature and Their Interplay with MHD in the Presence of Internal Transport Barriers on TCV
D1.004	P.Martin	Neoclassical Tearing Modes and Fast Ions Confinement in ASDEX Upgrade
D1.005	S.Hacquín	New X-mode reflectometry measurements of Alfvén Eigenmodes on the JET tokamak

Session D2 (Post Deadline Tuesday)

PaperID	Author	PosterTitle
D2.001	N.F.Cramer	Nonlinear electromagnetic waves in electron-positron plasmas
D2.002	N.Yamaguchi	Space-resolving spectroscopy of atmospheric plasma jet source
D2.003	A.S.Ivanov	Dust Particles' Oscillations and Kinetic Temperature in Dusty Plasma
D2.005	CristianP.LUNGU	Optical emission diagnostic of thermionic vacuum arc plasma during beryllium film formation

Session D4 (Post Deadline Thursday)

PaperID	Author	PosterTitle
D4.002	E.Stoffels	Electric Field Measurement using Stark Spectroscopy
D4.003	M-J.Lee	Landau Damping of Dust Acoustic Waves in a Lorentzian Plasma

Session D5 (Post Deadline Friday)

PaperID	Author	PosterTitle
D5.002	D.Ning	The Simulation and Analysis of the Z-pinch Experiments on Qiang-
D5.005	D.Margarone	NEUTRAL AND ION ENERGY DISTRIBUTIONS FROM PLASMAS GENERATED BY PULSED LASERS
D5.006	D.Margarone	X-ray and optical spectroscopy from laser generating pulsed plasma
D5.007	B.Hidding	Quasi-Monoenergetic Electron Acceleration The Self-Modulated Multi-Bubble Regime
D5.010	D.Akbar	Effects of Non-uniform Dc Glow Discharge System on Argon Positive Column Plasma
D5.011	CristianP.LUNGU	Thermionic vacuum arc and plasma spray processing
D5.013	A.Fruchtman	Neutral depletion in a collisionless plasma
D5.015	K.Crombe	Poloidal rotation velocity in JET advanced mode plasmas using charge exchange recombination spectroscopy
D5.016	P.Piovesan	Experimental MHD studies of enhanced confinement reversed-field pinch plasmas
D5.017	A.Yu.Popov	On O-X Mode Conversion in a Cold Magnetized 2D Inhomogeneous Plasma
D5.018	R.Dejarnac	Self-consistent 2D calculation of plasma deposition in tile gaps
D5.019	F.Volpe	Weakly relativistic dielectric tensor for arbitrary wavenumbers

D5.020	F.Hajakbari	Study of Runaway Electrons in the Iran Tokamak 1 IR-T1
D5.021	T.Zivkovic	The Helimak transport dynamics- low dimensional chaos or coloured noise
D5.022	A.Hojabri	Study of Resonance Helical Field on the Zeff and Impurity Radiation in IR-T1 Tokamak
D5.023	M.Marinucci	Energy balance of FTU discharges with lithized walls
D5.024	A.B.Borisov	Single-Pulse Measurements of Ultrabright Xe L X-Ray Pulses from Optimized Relativistic Channels
D5.026	V.Nassisi	On temperature measurements in a non-equilibrium plasma
D5.027	M.M.Vasiliev	Vortices in DC discharge dusty plasmas one mechanism and 3D diagnostics
D5.028	K.B.Statsenko	Structure and Melting of 3D Anisotropic dusty Crystals in DC Glow Discharges
D5.030	D.Durante	An accurate Riemann solver for Godunov methods accounting for relativistic effects
D5.031	F.Guzman	Partial and Total Electron capture Cross Sections in B5 ,Ne10 H 2s Collisions for Plasma Diagnostics