



28th EPS Conference on Controlled Fusion and Plasma Physics

Poster Sessions of Wednesday, 20th June

Cont. N ^o .	First Author	PosterTitle	Session
1000092	P.Thomas	Alpha Heating of Thermal Ions in JET	P3.001
1000102	G. Saibene	The effect of plasma shape on density and confinement of ELMy H-modes in JET	P3.002
1000104	R Sartori	Edge Operational Space for High Density/High Confinement ELMy H-modes in JET	P3.003
1000109	P. Dumortier	CONFINEMENT PROPERTIES OF HIGH DENSITY IMPURITY SEEDED ELMY H-MODE DISCHARGES AT LOW AND HIGH TRIANGULARITY ON JET	P3.004
1000111	A.Loarte	Type I Edge Localised Mode Energy and Particle losses in JET ELMy H-modes	P3.005
1000160	A.Kallenbach	Comparison of the H-mode pedestal density and its underlying physics on JET and ASDEX Upgrade	P3.006
1000163	Puiatti M.E.	Radiation pattern and impurity transport in impurity seeded ELMy H-mode discharges in JET ELMy H-mode discharges in JET	P3.007
1000167	M Valovic	Long time-scale density peaking in JET	P3.008
1000174	M.F.F.Nave	Sawtooth and Impurity Accumulation Control in JET Radiative Mantle Discharges	P3.009
1000189	H.R.Koslowski	MHD studies in radiating mantle plasmas on JET	P3.010
1000243	J.G. Cordey	Energy Confinement in Steady State ELMy H-modes in JET	P3.011
1000261	P.T. Lang	Optimisation of pellet scenarios for long pulse fueling to high densities at JET	P3.012
1000270	S. Jachmich	Influence of impurity seeding on ELM behaviour and edge pedestal in ELMy H-Mode discharges	P3.013
1000274	J.Rapp	Effect of Wall Temperature and Divertor Closure on the L-mode Density Limit at JET	P3.014
1000281	J.D.Strachan	Screening of Hydrocarbon Sources in JET	P3.015
1000366	W.Suttrop	Effect of heat flux and density variation on transport in JET ELMy H-modes	P3.016

1000473	G.L. Jackson	Comparison of L-Mode Regimes with Enhanced Confinement by Impurity Seeding in JET and DIII-D	P3.017
1000632	G.P.Maddison	ELM moderation in high density H-modes on JET and Alcator C-Mod	P3.018
1000453	E.D. Fredrickson	Observation of Beam-driven Modes during Neutral Beam Heating on the National Spherical Torus Experiment	P3.019
1000487	R. Maingi	Characteristics of the First H-mode Discharges in NSTX	P3.020
1000773	J.E. Menard	Stability and confinement properties of Auxiliary Heated NSTX Plasmas	P3.021
1000522	Dennis Mueller	Operational Regimes of the National Spherical Torus Experiment	P3.022
1000524	D. S. Darrow	Neutral Beam Ion Confinement in NSTX	P3.023
1000727	R. E. Bell	Kinetic Profiles in NSTX Plasmas	P3.024
1000024	R. Coelho	An innovative interpretation of tearing mode locking to an external resonant static current	P3.025
1000027	S.Yu.Medvedev	THEORETICAL MHD LIMITS IN TOKAMAKS WITH A SEPARATRIX	P3.026
1000080	E.Poli	Monte Carlo delta-f simulations of the bootstrap current in the presence of an island	P3.027
1000096	S.V.Konovalov	NONLINEAR CALCULATION OF COLLISIONALITY DEPENDENCE OF NEOCLASSICAL TEARING MODES	P3.028
1000097	A.B.Mikhailovskii	SUPPRESSION OF MAGNETIC ISLANDS BY A FEEDBACK SYSTEM IN TOKAMAKS	P3.029
1000099	A.B.Mikhailovskii	WHICH LINEAR INSTABILITIES CAN RESULT IN MAGNETIC ISLANDS IN TOKAMAKS?	P3.030
1000106	Grandgirard V	A SEMI-LAGRANGIAN METHOD FOR THE RESOLUTION OF A DRIFT-KINETIC EQUATION APPLIED TO ITG STUDIES	P3.031
1000114	M.Z.Tokar	PREDICTIVE MODELING OF IMPURITY SEEDED PLASMAS IN JET	P3.032
1000120	A.M.Stefafanovskij	GENERATION OF REs AT KILLER PELLETS INJECTION IN TOKAMAK PLASMA	P3.033
1000153	A.L.Rogister	Theory of toroidal rotation in ALCATOR C-MOD ohmic H-mode plasmas	P3.034
1000198	F.Imbeaux	Modelling of ECH Modulation Experiments in ASDEX Upgrade : a Test of the Critical Temperature Gradient Assumption	P3.035

1000239	G. Manfredi	Zonal flow and streamer generation in drift turbulence	P3.036
1000275	V.S.Belikov	Modeling of core-localized alpha driven Alfvén eigenmodes in TFTR-like tokamaks	P3.038
1000344	H.R.Wilson	Coupled peeling-ballooning modes: a model for ELMs and the temperature pedestal?	P3.039
1000380	Hogun Jhang	An eigenvalue formulation for feedback stabilization of resistive wall modes : applications to KSTAR plasmas	P3.040
1000415	A.J.C. Belien	Influence of poloidal flow on TAE modes	P3.041
1000440	J.P. Graves	Sheared toroidal plasma rotation and kinetic internal kink modes	P3.042
1000458	M.S. Chu	Modeling of Feedback Stabilization of the Resistive Wall Mode in General Geometry	P3.043
1000466	D. Brennan	Tearing Mode Stability Studies on DIII-D	P3.044
1000482	Q. Yu	Stabilizing Effect of a Non-Resonant Helical Field on Neoclassical Tearing Mode	P3.045
1000490	J. MANICKAM	Edge current density limits in conventional and spherical tokamaks	P3.046
1000533	Ya. Kolesnichenko	LOW FREQUENCY FISHBONE MODE INDUCED BY CIRCULATING PARTICLES IN SPHERICAL TORI	P3.047
1000583	C.V.Atanasiu	DETERMINATION OF THE INFLUENCE OF THE PLASMA TRIANGULARITY ON THE TEARING MODE STABILITY PARAMETER Δ' FOR THE ASDEX-UPGRADE TOKAMAK	P3.048
1000606	A.M.Popov	SIMULATION OF ECCD SUPPRESSION OF NEOCLASSICAL TEARING MODES IN SAWTEETHING DISCHARGES USING 3D NONLINEAR CODE NFTC.	P3.049
1000619	D.Gregoratto	STABILIZATION OF RESISTIVE WALL MODES BY ROTATION: THRESHOLDS AND PROFILE EFFECTS	P3.050
1000621	Martin F. Heyn	QUASILINEAR MODEL OF MAGNETIC FIELD PENETRATION OF DYNAMIC ERGODIC DIVERTOR FIELDS	P3.051
1000642	T. HAMACHER	LESSONS FROM THE DEVELOPMENT OF WATER MILLS IN THE EARLY MIDDLE AGES FOR THE FUTURE OF FUSION.	P3.052
1000669	T. Hamacher	Fusion as possible energy source for the future electricity supply of India	P3.053
1000154	G. Giruzzi	Self-consistent modelling of profile control by rf current drive in advanced tokamak regimes	P3.054
1000177	F. Califano	Radiofrequency driven ion flows in a magnetized plasma	P3.055

1000258	G.Granucci	COMBINED LH AND EC WAVES INJECTION IN FTU TOKAMAK	P3.056
1000390	I.Pavlenko	A novel bounce-averaged Fokker-Planck code for current drive	P3.057
1000406	P.U.Lamalle	A simplified radiofrequency dielectric response for tokamak plasmas in 'constant-k//'' coordinates	P3.058
1000431	C.Sozzi	Temperature-Related Profile Stiffness During Localized ECRH in FTU Tokamak	P3.059
1000438	N. Rust	Determination of Neutral-Beam Deposition Profiles with Modulation Experiments in Combination with ECRH-Heating in W7-AS	P3.060
1000442	F.Louche	ICRH heating performance in ITER-FEAT	P3.061
1000465	C.C. Petty	Recent ECCD Experimental Studies on DIII-D	P3.062
1000467	A.B.Altukhov	THE MECHANISM OF THE LHCD TERMINATION IN THE FT-2 TOKAMAK	P3.063
1000477	J.C.Hosea	Results of High Harmonic Fast Wave Heating Experiments on NSTX	P3.064
1000479	S. Eguilior	HEAT WAVE EXPERIMENTS ON TJ-II FLEXIBLE HELIAC	P3.065
1000499	V.F.Andreev	The Jump of Transport Coefficients at the ECRH Switch-off or Switch-on in T-10	P3.066
1000525	Yi, Bao Jiangang, Li	Nonlinear Phenomena and Intermittency in Ion Bernstein Wave Heating Plasmas	P3.067
1000531	N.I.Grishanov	ELECTRON LANDAU DAMPING OF RADIO-FREQUENCY WAVES IN ELONGATED LOW ASPECT RATIO TOKAMAKS	P3.068
1000539	P.K.Chattopadhyay	Electron Bernstein Wave Experiment in an Overdense Reversed Field Pinch Plasma	P3.069
1000547	A. K. Ram	Electron Bernstein Waves in Spherical Tokamaks	P3.070
1000578	S. S. Pavlov	FAST WAVE ABSORPTION AT $\omega = \omega_{ci}$ (s^2) FOR QUASIPERPENDICULAR PROPAGATION IN HOMOGENEOUS SINGLE-ION PLASMAS.	P3.071
1000645	T.Oikawa	Study of High Energy Neutral Beam Current Drive on JT-60U	P3.072
1000705	T.T.C.Jones	Simulation of alpha particle plasma self-heating using ICRH under real-time control	P3.073
1000753	V. Vdovin	3D Modelling of ITER-FEAT loop ICRF antenna. Validation of radiated power capability increase for poloidally multi-sectioned antenna	P3.074

1000023	M. Koubiti	IMPROVEMENT OF THE ELECTRON DENSITY DIAGNOSTIC IN DETACHED-JET DIVERTOR PLASMAS USING HIGH-n BALMER AND CONTINUUM SPECTRAL EMISSION	P3.075
1000053	G.Hanel	IONIZATION ENERGIES OF SINGLY CHARGED IONS OF H 2, D 2, H 2 O, D 2 O AND OF MULTIPLY CHARGED IONS OF Ne, Ar AND Xe	P3.076
1000058	H. Bindslev	Fast ion dynamics in TEXTOR measured by collective Thomson scattering	P3.077
1000133	S. Hacquin	1D AND 2D FULL-WAVE SIMULATIONS OF O-MODE REFLECTOMETRY EXPERIMENTS IN THE PRESENCE OF NON-COHERENT FLUCTUATIONS	P3.078
1000178	G. Vayakis	The ITER magnetic diagnostic set	P3.079
1000187	F.Volpe	Electron Bernstein emission diagnostic of electron temperature profile at W7-AS Stellarator	P3.080
1000194	P.A. Bagryansky	First Measurements of Perturbed Magnetic Field Profile in GDT Using the MSE Diagnostic	P3.081
1000285	O.Tudisco	Oblique ECE Measurements during strong ECH at 140 GHz in FTU	P3.082
1000289	F. da Silva	Influence of localized quasi-coherent modes in density measurements using O-mode broadband reflectometry	P3.083
1000304	M. N. A. Beurskens	Analysis of Plasma Edge Profiles at JET.	P3.084
1000307	V.Piffl	RADIAL INTENSITY PROFILE STUDY OF CV (308 eV) LINE	P3.085
1000311	M. Colin	FULL-SIZE SIMULATIONS OF A FLUCTUATION REFLECTOMETER IN TOKAMAK PLASMAS	P3.086
1000330	J. Santos	Plasma position using reflectometry edge density profile measurements on ASDEX Upgrade	P3.087
1000336	S. Vergamota	Study of pellet deposition profiles using high resolution FM-CW reflectometry during in-board pellet launching experiments in ASDEX Upgrade	P3.088
1000349	A E Costley	The ITER Diagnostic System	P3.089
1000396	I. Nunes	Absolute Calibration of Density Profiles from both O and X-mode Reflectometry on ASDEX Upgrade	P3.090
1000401	I.S. Nedzelskiy	Influence of a Non-Uniform Magnetic Field on the Measurements of N*S Profile by Heavy Ion Beam Probing with a Multiple Cell Array Detector	P3.091

1000409	V.V.Bulanin	Simulation of Microwave Scattering in Reflectometry Experiment	P3.092
1000428	K.J.McCarthy	Relative Line Strength Variations in Ion Multiplet Systems in the TJ-II Stellarator	P3.093
1000432	Y.J.Shi	The Hard X-ray Radiation during Lower Hybrid Current Drive in the HT-7 tokamak	P3.094
1000444	I.Duran	Measurements of magnetic fluctuations using a multiple Hall probe at TEXTOR-94	P3.095
1000500	S.V.RATYNSKAIA	FLUCTUATION INDUCED PLASMA TRANSPORT ACROSS B-FIELD : ON THE ROLE OF DIFFUSIVE AND CONVECTIVE MOTIONS.	P3.096
1000509	G.Bonheure	Spatially resolved and pitch angle resolved spectral analysis of 3 MeV fusion protons at TEXTOR-94 in auxiliary heated deuterium plasmas	P3.097
1000521	S. V. Soldatov	MEASUREMENTS OF TURBULENCE PROPERTIES NEAR THE LAST CLOSE FLUX SURFACE WITH CORRELATION REFLECTOMETRY AND MULTI-PIN LANGMUIR PROBES IN T-10	P3.098
1000544	H.P.Laqua	The distribution of ECRH stray radiation in fusion devices	P3.099
1000615	N. Ashikawa	Bolometric Imaging of Radiative Structures on the Large Helical Device	P3.100
1000626	V.Shevchenko	EBW Emission Observations on COMPASS-D and MAST	P3.101
1000640	T.Akiyama	Tangential Polarimeter for Electron Density Diagnostics on LHD	P3.102
1000657	R. Reichle	Radiation hardness test of mica bolometers for ITER in JMTR	P3.103
1000710	A.Silva	ADVANCES IN MICROWAVE REFLECTOMETRY ON ASDEX UPGRADE	P3.104
1000715	A.Silva	A broadband FMCW microwave reflectometer for the MAST Tokamak	P3.105
1000722	M.P. Alonso	A non-linear binning technique for a Thomson scattering diagnostic	P3.106
1000123	O. A. Sinkevich	LIGHTNING INITIATION IN THE ATMOSPHERE BY THE DUST PLASMA CLOUD AND LASER OR MW BE	P3.107
1000223	Liu Chen	Resonant Heating with Large Amplitude Waves	P3.108
1000257	D.P.Kostomarov	On the structure of the MHD-singularity in the 3D magnetic configurations	P3.109

1000455	A.J.C. Belien	MHD waves and instabilities in accretion disks	P3.110
1000475	V.V. Apollonov	Laser Initiated Lightning Discharges from the Charged Water Aerosol Cloud	P3.111
1000671	P.S. Coppi	Angular Momentum Transport in Thin Accretion Disks and Intermittent Accretion	P3.112
1000738	A. A. Shaikh	The effect of neutral dynamics in magnetic reconnection	P3.113
1000743	T.Davydova	Stationary Self-focusing of the Whistlers in Ionosphere Plasma.	P3.114