



28th EPS Conference on Controlled Fusion and Plasma Physics

Poster Sessions of Monday, 18th June

Cont. N ^o .	First Author	PosterTitle	Session
1000286	B. Kurzan	Neutral Beam Injection Induced Anisotropy of the Electron Velocity Distribution on ASDEX Upgrade	P1.001
1000264	R. Lorenzini	Particle transport analysis of ELMy H-mode pellet fuelled plasma in ASDEX Upgrade	P1.002
1000283	P.T. Lang	Performance improvement by advanced high field side pellet refueling in ASDEX Upgrade	P1.003
1000293	D. Bolshukhin	MEASUREMENTS WITH A NEW PHA DIAGNOSTIC AND ITS FURTHER APPLICATIONS ON ASDEX UPGRADE	P1.004
1000408	G.Pautasso	Asymmetric halo currents in ASDEX Upgrade disruptions	P1.005
1000599	S. Guenter	MHD phenomena as Trigger for the Formation of Internal Transport Barriers on ASDEX Upgrade	P1.006
1000603	J.Hobirk	High beta poloidal discharges at the Greenwald density with mainly non-inductively driven current at ASDEX Upgrade	P1.007
1000678	S. D. Pinches	Fast Particles and Chirping Modes	P1.008
1000094	PRThomas	IS THE ERGODIC DIVERTOR A VIABLE ALTERNATIVE TO THE AXISYMMETRIC DIVERTOR?	P1.009
1000215	J.Hogan	Relation between low Z impurity poloidal emission profiles and transport properties in Tore Supra ergodic divertor plasmas	P1.010
1000290	V.Vershkov	First Results of Turbulence Measurements in FTU Tokamak with Heterodyne Correlation Reflectometer	P1.011
1000305	E.Giovannozzi	SAWTOOTH AND M=1 MODE BEHAVIOUR IN FTU PELLETS ENHANCED DISCHARGES	P1.012
1000582	D. Frigione	Quasi Steady Confinement Improvement with Multiple Pellet Injection in FTU High Field Operation	P1.013
1000586	E. Westerhof	Electron cyclotron resonance heating in the current ramp-up phase of TEXTOR-94	P1.014
1000593	A.Messiaen	Use of the correlation between the confinement and the edge neutral pressure for the feedback control of the plasma energy in the RI-mode of TEXTOR-94.	P1.015
1000633	V.S. Ushintsev	Temporal Evolution of Temperature Profiles Inside the Magnetic Islands in TEXTOR-94 Plasmas.	P1.016

1000227	J A Snipes	Beta Limiting MHD Activity in Alcator C-Mod	P1.017
1000667	J.Rice	Observations of Impurity Toroidal Rotation Suppression with ITB Formation in ICRF and Ohmic H-mode Alcator C-Mod Plasmas	P1.018
1000424	V.K.Gusev	OPERATIONAL LIMITS AND PLASMA STABILITY IN OH DISCHARGE OF GLOBUS-M SPHERICAL TOKAMAK	P1.019
1000452	N.V.Sakharov	INVESTIGATION OF EQUILIBRIUM IN GLOBUS-M OHMIC PLASMAS.	P1.020
1000545	S.V. Lebedev	Role of wall in the low frequency mhd activity evolution in the TUMAN-3M tokamak	P1.021
1000574	J.L.Chen	Plasma performance improment by the new carbon limiter in the HT-7 superconducting Tokamak	P1.022
1000610	J.Y.Zhao	Experimental Study the MHD Instability on HT-7 Superconducting Tokamak	P1.023
1000067	M Cecconello	TOTAL RADIATION LOSSES STUDIES IN EXTRAP T2R	P1.024
1000175	B.W. Stallard	Sustainment of Spheromak Plasmas in SSPX	P1.025
1000251	A.V.Anikeev	Upgrade of the Gas-Dynamic Trap: Physical Concepts and Numerical Models	P1.026
1000389	Y. Yagi	Improved Confinement Regimes in the TPE-RX Reversed-field Pinch Device	P1.027
1000395	J.R.Drake	First results from the EXTRAP T2R RFP experiment	P1.028
1000469	Y.Takase	High Harmonic Fast Wave Experiments on the TST-2 Spherical Tokamak	P1.029
1000495	J-A Malmberg	Mode dynamics in the rebuilt Extrap T2R RFP device	P1.030
1000534	T. M. Biewer	Quasi-Single Helicity states behaviour in MST	P1.031
1000546	A.N.Simakov	Kinetic Plasma Stability in a Dipolar Magnetic Field	P1.032
1000601	Y.Nagamine	DEVICE PARAMETER STUDIES OF LOW ASPECT RATIO REVERSED FIELD PINCH	P1.033
1000666	A.Canton	Analysis of the behaviour of electron density in the TPE-RX Reversed Field Pinch and comparison with RFX	P1.034
1000694	H. Sakakita	IMPURITY GAS INJECTION INTO REVERSED-FIELD PINCH PLASMAS	P1.035
1000696	D.R. Demers	INITIAL MEASUREMENTS OF PLASMA POTENTIAL AND FLUCTUATIONS WITH A HEAVY ION BEAM PROBE IN THE MST REVERSED FIELD PINCH	P1.036
1000165	S. Saarelma	MHD Stability Analysis of Type II ELMs in ASDEX Upgrade	P1.037

1000265	A. Geier	Divertor Retention for Metallic Impurities at ASDEX Upgrade	P1.038
1000312	Patrick J. Mc Carthy	Current Density Profile Identification in the ASDEX Upgrade Pedestal Region from Magnetic and Kinetic Data using the CLISTE Interpretive Equilibrium Code	P1.039
1000331	R.Neu	First characterisation of the new Divertor IIb in ASDEX Upgrade	P1.040
1000416	R.Pugno	Modelling of impurities in the ASDEX Upgrade divertor II with DIVIMP	P1.041
1000426	V.Rohde	Tungsten as first wall material in the main chamber of ASDEX Upgrade	P1.042
1000448	H.Bürbaumer	Investigation of the Detachment Front of ASDEX Upgrade L-Mode Discharge #11276 using the new Method for Grid Refinement of the B2 plasma edge simulation code	P1.043
1000638	W.Schneider	Tungsten Migration between Main Chamber and Divertor of ASDEX Upgrade	P1.044
1000711	P.Varela	Density pedestal measurements with microwave reflectometry on ASDEX Upgrade	P1.045
1000159	C.Mair	REACTIVE INTERACTIONS OF MOLECULAR IONS (H ₂ ⁺ , H ₃ ⁺ , D ₂ ⁺ , D ₃ ⁺ , CH ₃ ⁺ , CH ₄ ⁺ etc.) WITH CARBON TILES FROM TORE SUPRA	P1.046
1000202	L. Costanzo	DETACHMENT CONTROL BY HEAT FLUX ANALYSIS ON TORE SUPRA	P1.047
1000217	R. Guirlet	Molecular contribution to the D and C neutral influxes in Tore Supra ergodic divertor experiments	P1.048
1000221	P.Monier-Garbet	Assessment of impurity control by the ergodic divertor on Tore Supra	P1.049
1000363	A. Grosman	Extrapolation of the Ergodic Divertor to a Next Step tokamak	P1.050
1000378	J.P.Gunn	Ion fluxes in the ergodic divertor of Tore Supra	P1.051
1000548	P. K. Mioduszewski	Modeling of Recycling Coefficients and Wall Equilibration in Tore Supra	P1.052
1000625	A.Kirk	ANALYSIS OF SOL BEHAVIOUR IN MAST USING AN ADVANCED ONION-SKIN SOLVER (OSM2)	P1.053
1000639	J-W.Ahn	Strike point characteristics of the MAST tokamak in auxiliary heated plasmas	P1.054
1000685	G.Counsell	Observations of hydrocarbon film deposition in the MAST tokamak	P1.055
1000559	D. Mossessian	MHD stability of the edge plasma in Alcator C-Mod	P1.056

1000037	J.Stockel	OPTIMIZATION OF GUNDESTRUP PROBE FOR ION FLOW MEASUREMENTS IN MAGNETIZED PLASMAS	P1.057
1000055	F. Valsaque	Kinetic simulations of Retarding-Field Analyzer measurements in tokamak edge plasmas	P1.058
1000119	A. Kainz	Aligned and Adaptive Finite-Element Meshes in Edge Plasma Simulation	P1.059
1000152	N. Schupfer	Numerical Study of Magnetized-Sheath Formation Using an Eulerian Vlasov code	P1.060
1000169	J.Zabka	ENERGY PARTITIONING IN COLLISIONS OF SLOW POLYATOMIC IONS WITH CARBON SURFACES	P1.061
1000245	M.Shoucri	Numerical simulation for the formation of a steep gradient at a plasma-wall transition	P1.062
1000259	T. Fulop	Effect of neutral atoms in tokamak edge plasmas	P1.063
1000282	B.Heger	Modification of the Ground State Vibrational Population of Molecular Hydrogen and Deuterium by Different Wall Materials in Low Temperature Plasmas	P1.064
1000343	R.J.Hastie	Resistive Ballooning Instabilities in Tokamak Edge Plasmas	P1.065
1000361	L.Krlin	Anomalous ExB Ion Diffusion and Radial Electric Field Generation in a Model Fluctuating Electrostatic Potential	P1.066
1000392	U. Fantz	Diagnostics of hydrocarbons and their influence on hydrogen plasmas	P1.067
1000556	S. I. Krasheninnikov	ON "BLOBY" PLASMA TRANSPORT IN THE SCRAPE OFF LAYER	P1.068
1000580	Y.Kikuchi	Effects of Dynamic Island Formations on Rotating Helical Magnetic Field Penetration into the Tokamak Plasma	P1.069
1000591	F. Subba	Classical Scrape-off Layer Structure	P1.070
1000768	E. M. Hollmann	PARTICLE BALANCE IN THE PISCES-A DIVERTOR SIMULATOR	P1.071
1000007	V. Petrzilka	A 3-d Model of the Plasma Vortex in Front of LH Grills	P1.072
1000048	D.Brennan	Instabilities and their role in current drive in helicity-injected spheromaks and spherical tokamaks	P1.073
1000765	M Bornatici	Exact, Beam tracing and Complex geometrical optics	P1.074
1000073	S. Coda	Suprathermal X-Ray Emissivity with 2nd and 3rd Harmonic Electron Cyclotron Heating in the TCV Tokamak	P1.075
1000079	W. Ott	Theory of plasma build-up in stellarators by neutral beams alone	P1.076

1000112	P.Blanchard	Measurements of Electron Cyclotron Emission from non-maxwellian electron distribution in TCV plasmas with ECH and ECCD	P1.077
1000156	A.D. Gurchenko	Lower hybrid wave propagation in tokamak plasmas	P1.078
1000183	V. Fuchs	Momentum and Heat Transfer from Lower Hybrid Antennas to the Tokamak Edge Plasma	P1.079
1000234	P. Gomez	MODELLING OF COMBINED SECOND AND THIRD HARMONIC ECRH EXPERIMENTS ON TCV	P1.080
1000263	R. Behn	Improved Core Electron Energy Confinement in TCV Tokamak Plasmas with Central EC Counter Current Drive	P1.081
1000276	F.Zacek	Probe measurements in front of the lower hybrid grill of the CASTOR tokamak	P1.082
1000288	J.Preinhaelter	Electron Bernstein waves on CASTOR	P1.083
1000297	J.S. Lönnroth	PARTICLE-IN-CELL SIMULATIONS OF ION BERNSTEIN WAVE EXCITATION	P1.084
1000298	K.M. Rantamäki	PARTICLE-IN-CELL SIMULATIONS FOR LOWER HYBRID COUPLING AND CURRENT DRIVE	P1.085
1000493	R.Panek	One-Dimensional Particle-In-Cell Simulation of Electron Acceleration in a Spatially Localized LH Wave	P1.086
1000746	T.P. Goodman	THE ROLE OF NON-MAXWELLIAN ELECTRON DISTRIBUTION FUNCTIONS IN 2ND AND 3RD HARMONIC ELECTRON CYCLOTRON ABSORPTION IN TCV.	P1.087
1000004	A.C. Figueiredo	On discrete Wigner distributions for time-frequency analysis of fusion plasma signals	P1.088
1000015	V.N. Litunovsky	Study of visible radiation on a target surface in high heat plasma-material interaction experiments	P1.089
1000031	J.D.Hey	Oxygen Ion Impurity in the TEXTOR-94 Boundary Plasma Observed by Zeeman Spectroscopy	P1.090
1000049	M. Foley	Expansion of ASDEX Upgrade's real-time parameter recovery routine to include additional moments of the current profile	P1.091
1000069	B.Wolle	Experimental verification of neutron transport simulations at W7-AS	P1.092
1000766	E. Gusakov	Two dimensional theory of fluctuation reflectometry diagnostics	P1.093
1000086	P. Bosshard	Charge exchange Recombination Spectroscopy Optimisation with the TCV Diagnostic Neutral Beam	P1.094
1000767	M. Charro	Electron Cooling in Probe Collection in Strongly Magnetised Plasma	P1.095

1000161	F.Sattin	First Core Poloidal Flow Velocity Measurements in JET	P1.096
1000182	H. Meister	Extension of the Zeff diagnsotic at ASDEX Upgrade	P1.097
1000191	M.Hirsch	Doppler Reflectometry for the Investigation of propagating Density Perturbations in the W7-AS Stellarator	P1.098
1000204	R.Giannella	Probabilistic approach to plasma diagnostic measurements: an application to Tore Supra's Thomson Scattering data	P1.099
1000213	Michael Proschek	MEASUREMENT OF LINE EMISSION PROFILES OF FAST HELIUM BEAMS AND THEIR APPLICATION TO PLASMA DIAGNOSTICS	P1.100
1000214	M. Brix	Determination of Edge Density Profiles in JET Using a 50kV Lithium Beam	P1.101
1000248	D. Elbèze	Numerical simulations and error analysis for the far-infrared polarimeter measurements on Tore Supra	P1.102
1000351	G.Fuchs	Tangentially Viewing Soft x-ray Camera on Textor-94	P1.103
1000447	B.Zurro	MEASUREMENT OF PROTON ROTATION FROM HYDROGEN LINE WINGS IN THE TJ-II STELLARATOR	P1.104
1000530	L.G.Askinazi	RESULTS FROM THE HEAVY ION BEAM PROBE DIAGNOSTICS ON THE TUMAN-3M TOKAMAK	P1.105
1000537	R. Schrittwieser	Plasma potential measurements with emissive probes in the CASTOR tokamak	P1.106
1000568	T.Tokuzawa	Pulsed Radar Reflectometer for Density Profile and Fluctuation Measurements of Large Helical Device	P1.107
1000584	Sadatsugu Muto	Radial profile measurements of electron temperature and metallic impurity lines using X-ray pulse height analyzer in LHD	P1.108
1000590	H.W.Mueller	Improved Edge Density Profiles by the Li-Beam on ASDEX Upgrade	P1.109
1000604	L. Porte	Fast-Ion Collective Thomson Scattering Diagnostic on TEXTOR Tokamak	P1.110
1000623	Y.J.Shi	The hard X-ray radiation during lower Hybird current drive in HT-7 Tokamak	P1.111
1000644	M. Galimberti	Multi-MeV particle detection in relativistic laser-plasma interactions.	P1.112
1000646	K. Kawahata	A Multichannel 118.8 micrometer-CH ₃ OH Laser Interferometer for Electron Density Profile Measurements in LHD	P1.113
1000655	R. Reichle	Near infrared emission of carbon surfaces under impact of plasma, high energy ions and high energy electrons	P1.114

1000726	Ustrasoft X-Ray Measurements of impurity levels in NSTX	D. Stutman, M. Bell, R. Bell, M. Finkenthal, D. Gates, D. Johnson, R. Kaita, H. Kugel, S. Kaye, B. LeBlanc, R. Maingi, J. Menard, D. Mueller, M. Ono, F. Paoletti, M. Peng, S. Sabbagh, C. Skinner, V. Soukhanovskii, E. Synakowski, R. Vero	P1.115
1000730	F.P.Orsitto	Measurements of radial electric field in regimes with improved confinement	P1.116
1000749	Benjamin S. Fraenkel	Measurement of Absolute Wavelengths of X-ray Lines emitted from Hot Plasmas.	P1.117