

confID	Authors	Title
P1.001	A.A.Andreev, K.Yu.Platonov	Laser ion acceleration in shaped mass-limited targets
P1.002	J.Badziak, S.Jablonski, P.Parys, J.Wolowski, J.Fuchs	High-intensity proton fluxes driven by a 2w Nd glass laser beam
P1.003	G. Bonnaud, T. Ceccotti, A. Levy, M. Garbuzova	Modelling and interpretation of experimental observations of ions accelerated by a high intensity laser pulse illuminating a solid target
P1.004	S.Borodziuk,A.Kasperczuk,T.Pisarczyk,T.Chodukowski,J.Ullschmied,E.Krouskey,K.Masek,M.Pfeifer,K.Rohlena,J.Skala,P.Pisarczyk	Indirect two-step method of acceleration, applied to metallic foils of different thickness.
P1.005	L. Cardoso, M. Marti, N. Lopes	Secondary radiation from multi-GeV protons generated in laser-solid interactions in ELI
P1.006	O.Klimo,J.Limpouch,S.Kawata	Acceleration of ions from ultrathin foils driven by short intense high-contrast laser pulses
P1.007	M. Marti, L. Cardoso, N. Lopes, R.A. Fonseca, L.O. Silva	PIC modeling of ion acceleration with laser intensities in excess of 10^{24} W/cm ²
P1.008	J. Psikal, V. T. Tikhonchuk, E. D'Humieres, J. Limpouch, O. Klimo	Enhanced laser proton acceleration in mass-limited targets
P1.009	T. Schlegel, N. Naumova, V. T. Tikhonchuk, C. Labaune, G. Mourou, I. V. Sokolov	Relativistic laser piston model ponderomotive ion acceleration in dense plasmas using intense laser pulses
P1.010	Sylla	Ion acceleration at LOA
P1.010	Sylla	Ion acceleration at LOA
P1.011	X.Q.Yan,J.Meyer-ter-vehn	GeV mono-energetic proton beam generation in laser foil-plasma interactions
P1.012	X.Q. Yan, J.Meyer-ter-vehen, T. Tajima, M. Hegelich, D.Habs	Ion Energy enhancement by a shaped DLC target and the scaling law to 200 MeV proton for the Cancer therapy
P1.014	J. Vieira, R.A. Fonseca, L.O. Silva, C. Huang, W.B. Mori	Spin precession of electron beams in plasma based acceleration
P1.015	I.V.Timofeev, A.V.Terekhov, K.V.Lotov	Direct computation of the growth rate for the instability of a warm relativistic electron beam in a cold magnetized plasma
P1.016	P McKenna, M N Quinn, X H Yuan, A P L Robinson, M Borghesi, D C Carroll, R J Clarke, R G Evans, P Gallegos, L Lancia, D Neely, K Quinn, L Romagnani, G Sarri, P A Wilson	Investigations of electron beam transport in dense plasma
P1.017	L. F. Ibanez, J. Sanz	Collision operator for the relativistic Fokker-Planck equation for fast electrons
P1.018	R. A. Fonseca, S. F. Martins, P. Abreu, F. Fiúza, L. O. Silva	Using state of the art processing units for hardware acceleration of PIC codes
P1.019	F.Fiuza, S.F.Martins, R.A.Fonseca, C.Joshi, L.O.Silva	High brilliance synchrotron radiation from the plasma magnetic mode
P1.020	N.Lemos, J. Berardo, N. Lopes, G. Figueira, F. Fiuza, D. A. Jaroszynski, L.O.Silva, J. M. Dias	Plasma waveguides created by ultra-short laser pulses

confID	Authors	Title
P1.021	I.Arka, J.G.Kirk, A.R.Bell	Pair production and cascading in counterpropagating laser beams
P1.022	M.Shoucri,B.Afeyan	Harmonics Generation in the Reflection of a Linearly Polarized Laser Beam Normally Incident on an Overdense Plasma
P1.023	M. Roth	Proton isochoric heating of matter under XRTS
P1.024	<u>Liu Shenye</u> , Ding Yongkun, Wang Feng, Peng Xiaoshi, Cao Leifeng, Kuanglongyu, Wang Chuanke, Wang Zhebing, Hou Lifei, Li Fang, Zhang Jiyang, Yang Guohong, Cao Zhurong, Li Hang, Huang Tianxuan, Dong Jianjun, and Miao Wenyong	Recent Developments of ICF Target Diagnostics at RCLF
P1.070	M. Stahl, H. Kersten, D. Lundin, U. Helmersson	ENERGY INFLUX MEASUREMENTS IN HIPIMS PLASMAS
P1.071	M. Quitzau, M. Wolter, H. Kersten	MODIFICATION OF POLYETHYLENE POWDER WITH AN ORGANIC PRECURSOR
P1.072	<u>B. Rubinstein</u> , J. Citrin, R. Doron, R. Arad, Y. Maron, A. Filler	Ion Velocity distribution in a low- resistivity plasma traversed by a pulsed magnetic field
P1.073	Ratynskaia	CAPTURE BY AEROGEL - CHARACTERIZATION OF MOBILE DUST IN SCRAPE-OFF LAYER PLASMAS
P1.074	Liard	Transport in low-temperature magnetized plasma with significant ionization rate
P1.075	Abourayana	Effect of benzene/argon ratios on the properties of plasma polymerized thin films deposited by (PECVD) method
P1.076	Tsuda	Electron density and electron temperature of laser-induced plasma in liquid
P1.078	Kovarik	Method of Reduction of Irradiation Damage for InSb-based High-temperature Hall Sensors
P1.079	Levashov	CALCULATION OF DYNAMIC CONDUCTIVITY OF DENSE HYDROGEN PLASMA IN WIGNER FORMULATION OF QUANTUM MECHANICS
P1.080	Lefevre	Radiative properties of neutral Helium under non-equilibrium conditions
P1.081	Annou	The Spherical Kadomtsev-Petviashvili Equation In Dusty Plasma With Dust Size Distribution And Two Temperature Ions
P1.082	Kitova	THE EFFECT OF RF PLASMA TREATMENT ON THE SURFACE ACTIVATION OF POLYCARBONATE SUBSTRATE
P1.083	Phelps	A 200 GHz MILLIMETRE-WAVE SOURCE DRIVEN BY A SMALL DIAMETER PSEUDOSPARK ELECTRON BEAM
P1.084	F. Albajar, M. Bornatici, F. Engelmann	Modelling of Electron Cyclotron Radiative Transport in Fusion Plasmas The New Code RAYTEC Approach and Applications

confID	Authors	Title
P1.085	H. Alinejad	Effect of ion temperature on high and weak nonlinear analysis of localized ion-acoustic waves in non-isothermal plasma
P1.086	C.Bellecci,P.Gaudio,I.Lupelli,A.Malizia,M.T.Porfiri,M.Richetta	Characterization of Divertor influence in case of LOVA CFD analysis of STARDUST experimental facility
P1.087	T. Bogdanov, E. Benova	Theoretical Study of Electromagnetic Wave Modes Sustaining the Coaxial Discharge
P1.088	A. Bustos, F. Castejon, L. A. Fernandez, J. Garcia, V. Martin-Mayor, A. Tarancon, J. L. Velasco	Comparison between 2D and 3D Transport in ITER using a Citizen Supercomputer
P1.089	R.A.Cairns,I.Vorgul,R.Bingham	Cyclotron maser radiation from inhomogeneous plasmas
P1.090	R.W. Harvey, Yu. Petrov, E.F. Jaeger, L.A. Berry, P.T. Bonoli, J.C. Wright	Comparing Direct and QL Calculation of ICRF Diffusion Coefficients
P1.091	E. Iordanova, E. Benova, T. Bogdanov, J. J. A. M. van der Mullen	Theoretical investigation of surface-wave discharge Characteristics at intermediate pressure range
P1.093	M. Bacharis, M. Coppins, J. E. Allen	A Novel Approach for Dust Charging in RF Discharges
P1.094	A. Berbri, M. Tribeche	Weakly nonlinear dust ion-acoustic double layers in a dusty plasma with non thermal electrons.
P1.095	E. Castro, J. Puerta, U. Spadavecchia	Analysis of unstable dust acoustic waves in perpendicular propagation on Magnetized Inhomogeneous Dusty Plasma
P1.096	M. Chaudhuri, S. A. Khrapak, G. E. Morfill	Effect of plasma production and loss processes on the isotropic potential distribution around an absorbing dust grain in highly collisional plasma
P1.097	L.G.D'yachkov, S.F.Savin, M.M.Vasiliev, O.F.Petrov, V.E.Fortov	Strongly coupled Coulomb clusters of diamagnetic particles in inhomogeneous magnetic fields
P1.098	M.C. de Juli, L.F. Ziebell, R. Gaelzer	The dielectric tensor for a magnetized dusty plasma - A new formulation
P1.099	S.-H.Hong, H.-J.Jung,H-J.Lee, W.-C.Kim, Y.-K.Oh	Analyses of Size Distribution and Chemical Composition of In-Vessel Dusts and Metal Droplets in KSTAR after the 1st Campaign
P1.100	G.E. Norman, V.V. Stegailov, A.V. Timofeev	Abnormal kinetic temperature of charged particles in crystalline dusty plasmas
P1.101	J. Puerta, E. Castro, P. Martin, U. Spadavecchia	Streaming Bi-Dust Acoustic Instabilities including charge fluctuations and non-ideal effects
P1.102	O.S. Vaulina, X.G. Koss	Thermodynamic properties of two-dimensional systems with isotropic pair interaction potentials
P1.103	N.A.Vorona, A.V.Gavrikov, O.F.Petrov, M.N.Vasiliev	Diagnostics of dusty plasma induced by electron beam
P1.104	C. T. N. Willis, M. Coppins, J. E. Allen	The effect of particle size on the Floating Potential of dust in a collisionless plasma

confID	Authors	Title
P1.105	S. Younsi, M. Tribeche	Nonlinear oscillations in charge varying dusty plasmas in the presence of nonisothermal trapped electrons
P1.106	Tsventoukh	COLLECTIVE PLASMA PROCESSES AS A MECHANISM OF PICOSECOND TERMINATION OF THE FAST-ELECTRONS BEAM IN A HIGH-VOLTAGE GAS-FILLED DIODE
P1.107	Tsventoukh	PLASMA MHD EQUILIBRIUM CONSISTENT WITH CONVECTIVE STABILITY
P1.108	Tsventoukh	CLOSED MAGNETIC CONFINEMENT SYSTEM WITH INTERNAL CURRENT RINGS
P1.123	A.J.De-Gol, S.D.Pinches, R.G.L.Vann	Modelling tokamak plasma response to external excitation
P1.124	D. De Lazzari, E. Westerhof	On the Merits of Heating and Current Drive for Tearing Modes Stabilization
P1.125	E.Lazzaro, S.Nowak, S. Cirant, R.Coelho, P.Buratti	Rotation and Stability of Magnetic Islands in Neoclassical Viscous Regimes
P1.126	K.Imada,H.R.Wilson	The Effect of Collisionality on the Neoclassical Polarisation Current
P1.127	D. Leblond, H. Lütjens, J. F. Luciani	Parametric study of sawteeth using the XTOR code
P1.129	P. Martin, E. Castro, J. Puerta	Plasma rotation as a function of position in axisymmetric tokamaks
P1.130	S.Yu. Medvedev, Y. Hu, A.A. Martynov, L. Villard	Tokamak Plasma Equilibria and Axisymmetric Stability with a Zero Total Toroidal Current
P1.131	C. Wahlberg	Radial structure of the two magnetohydrodynamic GAMs existing in toroidally rotating tokamak plasmas
P1.132	C. Wiegmann, Y. Suzuki, J. Geiger, E.R. Solano, Y. Liang, Y. Sun, D. Reiter, R.C. Wolf	3D MHD Equilibrium Calculations for Tokamaks with the HINT2 Code
P1.133	F. Zonca, I. Chavdarovski	Effects of trapped particle dynamics on the structures of low-frequency shear Alfvén continuous spectrum
P1.134	R.A.Cairns,V.Fuchs	Lower hybrid radiation pattern from ray tracing
P1.135	D.L. Grekov, M.F. Heyn, I.B. Ivanov, S.V. Kasilov, W. Kernbichler, V.V. Olshansky	Modelling of wave mode conversion in fusion plasmas by the resonant layer method
P1.136	M. Romé, C.D. Beidler, S.V. Kasilov, W. Kernbichler, H. Maaßberg, N.B. Marushchenko, V.V. Nemov	Current Drive Calculations Benchmarking Momentum Correction and Field-Line Integration Techniques
P1.137	JaeChun Seol	Theoretical studies on ECRH pre-ionization in a tokamak
P1.138	W.Bin, A.Bruschi, S.Cirant, G.Granucci, A.Moro, S.Nowak	O-X Mode Conversion Evaluations in FTU Tokamak for the Design of a New Launching System
P1.139	G.Granucci, G.Ramponi, G.Calabrò,F. Crisanti, G. Ramogida	ECRH assisted start-up studies/experiments on FTU
P1.140	J. Adamek, V. Rohde, H. W. Müller, C. Ionita, R. Schrittwieser, F. Mehlmann, J. Stöckel, J. Horacek, V. Weinzettl	ELM studies with ball-pen probes on ASDEX Upgrade

confID	Authors	Title
P1.141	A.G. Elfimov, R.M.O.Galvão, M. Garcia-Munoz, V. Igochine, M.Maraschek	Rotation effect on geodesic ion Alfvén modes in hot tokamak plasmas
P1.142	L.Giannone, J.C.Fuchs, P.J.McCarthy, W.Schneider, U.Seidel, ASDEX Upgrade Team	Self consistency check of magnetic probe and flux loop response to poloidal field currents on ASDEX Upgrade
P1.143	A. Herrmann, J.C. Fuchs, H.W. Müller	Change from attached to detached divertor conditions and heat load profiles in H-mode discharges in ASDEX Upgrade
P1.144	N. K. Hicks, A. Buhler, M. García-Muñoz, M. Maraschek, K. Sassenberg, W. Suttrop, W. Treutterer	Localization of NTMs and Alfvén Eigenmodes in ECE Measurements on ASDEX Upgrade
P1.145	H. Höhnle, J. Stober, W. Kasperek, A. Herrmann, R. Neu, U. Stroth, ASDEX Upgrade Team	Investigation of the O2- and X3-mode heating in ASDEX Upgrade
P1.146	V.Igochine, O.Dumbrajs, K.Lackner, G.Pereversev, H.Zohm	Structure of incomplete sawtooth crash in ASDEX Upgrade
P1.147	J.C. Fuchs, T. Eich, L. Giannone, A. Herrmann, A. Kallenbach, ASDEX Upgrade Team	Radiation Distribution During Impurity Seeding Experiments in the Full Tungsten ASDEX Upgrade
P1.148	S. Jämsä, T. Kurki-Suonio, W. Suttrop, H.U. Fahrbach, E. Strumberger	Benchmarking the fully 3D ASCOT-code against experimental NPA data from ASDEX Upgrade
P1.149	A.Kallenbach,R.Dey,R.Dux,J.C.Fuchs,L.Giannone,A.Herrmann,H.W.Mueller,R.Neu,T.Puetterich,V.Rohde,W.Treutterer,ASDEXUpgrade	Divertor power load feedback with nitrogen seeding in ASDEX Upgrade
P1.150	E. Kaveeva, V. Rozhansky, S. Voskoboinikov, I. Veselova, D. Coster	Modeling of inner-outer SOL asymmetry for ASDEX-Upgrade
P1.151	G.Kocsis,J.A.Alonso,B.Alper,G.Arnoux,G.Cseh,J.Figueiredo,D.Frigione,L.Garzotti,J.Hobirk,S.Kalvin,M.Lampert,P.T.Lang,G.Petravich,T.Szepesi,R.Wenninger	Pellet cloud distribution and dynamics for different plasma scenarios in ASDEX Upgrade and JET
P1.152	C. Konz, P.B. Snyder, L.D. Horton, C.F. Maggi, R. Groebner, S. Guenter, P.J. Mc Carthy	Comparative Linear MHD Stability Analysis for ASDEX Upgrade and DIII-D Power Scan Studies
P1.153	B. Kurzan, C. Fuchs, A. Scarabosio, B. D. Scott	Scale lengths of inter-ELM fluctuations in the pedestal of ASDEX Upgrade
P1.154	T.Lunt, Y.Feng, E.Wolfrum, R.Fischer, H.W.Müller, A.Scarabosio	Implementation and Application of EMC3-EIRENE at ASDEX Upgrade
P1.155	F. Meo, M. Salewski, M. Stejner, H. Bindslev, S. B. Korsholm, F. Leipold, F. Leuterer, P. K. Michelsen, D. Moseev, M. García-Munoz, S. K. Nielsen, J. Stober, G. Tardini, D. Wagner, P. Woskov	Fast ion distribution results of NBI heated plasmas on ASDEX Upgrade using the Collective Thomson Scattering CTS diagnostic

confID	Authors	Title
P1.156	H.W.Müller, J.C.Fuchs, A.Herrmann, A.Kallenbach, A.Kirk, V.Rohde	SOL and divertor investigations in Nitrogen seeded discharges
P1.157	G. Papp, G. Pokol, G. Por, V. Igochine	Analysis of sawtooth precursor activity in ASDEX Upgrade using bandpower correlation method
P1.158	T.Pütterich, R.Dux, E.Wolfrum, E.Viezzer, C.F.Maggi	Impurity Transport within an ELM-cycle at the Edge Transport Barrier in ASDEX Upgrade
P1.159	R. Fischer, A. Burckhart, N. Hicks, B. Kurzan, E. Wolfrum	Multiple diagnostic data analysis of density and temperature profiles in ASDEX Upgrade
P1.160	M. Reich, J. Hobirk, J. Stober	Realtime Real-time current profile measurements for NTM control
P1.161	B. Reiter, T. Eich, G. Pautasso, C. Fuchs, L. Giannone, R. Dux, M. Maraschek, V. Igochine, A. Flaws, J. Neuhauser, T. Lunt, K. Behler, A. Lohs, G. Schramm, L. Kammerloher, H. Eixenberger	Application of AXUV-Diodes For Broad-Band Plasma Radiation Studies in ASDEX Upgrade
P1.162	A. Scarabosio, M. Gemisic Adamov, A. Herrmann, N. Hicks, H. W. Mueller, T. Puetterich, F. Ryter, E. Wolfrum	ELM characteristics in ASDEX Upgrade helium discharges
P1.163	M. Stejner, F. Meo, M. Salewski, G. Tardini, H. Bindslev, S. B. Korsholm, F. Leipold, F. Leuterer, P. K. Michelsen, D. Moseev, M. García-Munoz, S. K. Nielsen, J. Stober, D. Wagner, P. Woskov, the ASDEX Upgrade team	Comparison of Collective Thomson Scattering CTS diagnostic results to TRANSP simulations of NBI heated discharges on ASDEX Upgrade
P1.164	J. Stober, O. Gruber, A. Herrmann, N. Hicks, M. Hirsch, H. Hoehnle, F. Leuterer, M. Maraschek, F. Monaco, R. Neu, H. Schuetz, J. Schweinzer, A.C.C. Sips, W. Suttrop, D. Wagner, H. Zohm	Improved H-mode operation in fully W-coated ASDEX Upgrade -- new demands for Electron Cyclotron Resonance Heating
P1.165	W.Suttrop, D.Hahn, A.Herrmann, M.Rott, B.Streibl, W.Treutterer, T.Vierle, D.Yadikin, I. Zammuto, E.Gaio, V.Toigo, P.Brunsell, E.Olofsson	Physical description of external circuitry for Resistive Wall Mode control in ASDEX Upgrade
P1.166	N. Vianello, R. Schrittwieser, V. Naulin, H.W.Müller, M. Zuin, C. Ionita, F. Mehlmann, J.J.Rasmussen, V. Rohde, R. Cavazzana, M.Maraschek, C. Lupu	Local electromagnetic characterization of type I ELMS on ASDEX Upgrade
P1.167	C. Maszl, C. Ionita, C. Silva, H. Figueiredo, V. Naulin, J. Juul Rasmussen, R. Schrittwieser	Simultaneous measurements of fluctuations with cold and emissive probes in ISTTOK
P1.168	C.Silva, H.Figueiredo, I.Nedzelskij, H.Fernandes, P.Duarte, C.Hidalgo, M.A.Pedrosa	Characterization of geodesic acoustic modes in the ISTTOK edge plasma

confID	Authors	Title
P1.169	D.Carralero, M. Shoji, E. de la Cal, B.Ph. van Milligen, J.L. de Pablos, C.Hidalgo, H.Yamada	Radial vs Parallel Transport and Momentum Ejection in the LHD Edge Region
P1.170	M. KOUBITI, M. GOTO, S. MORITA, R. STAMM	Spectroscopic diagnostics of the ablation clouds of injected pellets in LHD
P1.171	I. V. Miroshnikov, I. A. Sharov, N. Tamura, V. E. Junolainen, V. Yu. Sergeev, S. Sudo, B. V. Kuteev	Pellet Cloud Investigation via Imaging Spectroscopy in LHD
P1.173	S.Sakakibara,K.Y.Watanabe,S.Ohdachi,Y.Suzuki,Y.Narushima,K.Toi,I.Yamada,K.Tanaka,K.Ida,H.Yamada,A.Komori	Study of MHD Characteristics by Magnetic Axis Control in high-beta plasmas of LHD
P1.174	H. Takahashi, S. Kitajima, H. Utoh, Y. Tanaka, M. Yokoyama, M. Isobe, M. Takeuchi, R. Ikeda, K. Toi, S. Okamura, S. Masuzaki, M. Shoji, N. Ashikawa, M. Tokitani, M. Sasao	Study of transition mechanism based on ion viscosity by electrode biasing in helical plasmas
P1.175	P.J.Fimognari,B.E.Chapman,D.R.Demers,D.J.DenHartog,X.Chen,G.Fiksel,J.S.Sarff	Heavy Ion Beam Probe measurements in the interior of improved confinement MST reversed-field pinch plasmas
P1.176	S.Masamune, A.Sanpei, R.Ikezoe, T.Onchi, K.Oki, T.Yamashita, H.Shimazu, Y.Konishi, M.Sugihara, S.Fujita, H.Himura, R.Paccagnella	Recent Progress in Low-Aspect-Ratio RFP Research in RELAX
P1.177	V.D. Pustovitov	Resonant field amplification in tokamaks and reversed field pinches experimental results and a linear model
P1.178	J. Scheffel, A. Mirza	Resistive g-modes and RFP confinement
P1.179	A.B.Kukushkin, N.L.Marusov, V.S.Neverov, I.B.Semenov	Modeling of X-ray Diffraction by Carbon Nanotubes and Interpretation of Diffractometry of the Films Deposited in Tokamak T-10
P1.180	S.A. Bozhenkov, M. Lehnen, K.H. Finken, M.W. Jakubowski, M. Kantor, O.V. Marchuk, D. Reiter, R. C. Wolf	Efficiency of massive gas injection for increase of plasma density in TEXTOR experiments on disruption mitigation.
P1.181	J.W.Coenen,O.Schmitz,M.Clever,M.W.Jakubowski,A.Krämer-Flecken,U.Samm,B.Schweer,B.Unterberg,TEXTOR-	The Relation between Global Confinement and the Shear of the Radial Electric Field with RMP at the Tokamak TEXTOR
P1.182	D. Dunai, S. Zoletnik, G. Anda, G. Petravich, S. Kálvin, J. Sárközi, A. Krämer-Flecken, B. Schweer, S. Soldatov	Turbulence properties of the edge plasma at TEXTOR measured by Beam Emission Spectroscopy
P1.183	M.Hoelzl, S.Guenter, I.Classen, Q.Yu	Simulation of Heat Transport across Magnetic Islands in TEXTOR
P1.184	M.Yu.Kantor, G.Bertschinger, P.Bohm, A.Buerger, A.J.H.Donné, R.Jaspers, A. Krämer-Flecken, S.Mann, S.Soldatov, Zang Qing	Thomson scattering diagnostic for study fast events in the TEXTOR plasma
P1.185	S.B. Korsholm, M. Stejner, D. Moseev, S.K. Nielsen, H. Bindslev, F. Leipold, F. Meo, P. K. Michelsen, M. Salewski, A.Buerger, E. Westerhof, P. Woskov	Recent results of the collective Thomson scattering diagnostic at TEXTOR

confID	Authors	Title
P1.186	D.Moseev,S.B.Korsholm,M.Stejner,S.K.Nielsen,M.Salewski,F.Meo,H.Bi ndslev,F.Leipold,P.K.Michelsen,O.Schmitz,A.Buerger,M.Kantor,E.West erhof,P.Woskov	Confinement of fast ions during applied resonant magnetic perturbations in TEXTOR using collective Thomson scattering diagnostic
P1.187	G. Petravich, G. Anda, D. Dunai, S. Kálvin, S. Zoletnik	Light profile measurement on the 35keV Lithium beam on TEXTOR
P1.188	B. Schweer, S. Brezinsek, A. Huber, V. Philipps, M. Zlobinski, U. Samm	First wall surface characterisation with laser based methods
P1.189	G. Van Wassenhove, P. Dumortier, R. Koch, A. Lysoivan, A. Messiaen, M. Vervier, A. Pospieszczyk, O. Schmitz, H. Stocchus, B. Unterberg	Impact of Faraday screen on ICRF antenna properties during experiments in different heating scenarios on TEXTOR
P1.190	M. Vergote, M. Van Schoor, Y. Xu, R. Weynants	Simulation of the intermittent behavior of SOL turbulence in TEXTOR.
P1.191	Y. Xu, S. Jachmich, R. R. Weynants, M. Van Schoor, M. Vergote,A. Krämer-Flecken, O. Schmitz, B. Unterberg	Investigation of long-distance toroidal correlation of edge turbulence at TEXTOR
P1.192	S. Zoletnik, L. Bardoczi, G. Anda, D. Dunai, G. Petravich, A. Krämer- Flecken, S. Soldatov	Poloidal flow velocity measurement at the edge of the TEXTOR tokamak using quasi- twodimensional Lithium Beam Emission Spectroscopy
P2.023	E.M. Apfelbaum	The Transport Coefficients Of Noble Gases And The Ionizatopn By Pressure
P2.024	B.T.Egorychev, A.V.Ivanovsky, A.I.Kraev, V.B.Kudelkin	New possibilities to study plasma target as a part of magnetohydrodynamic complex using an explosive magnetic source of pulsed power
P2.025	A. G. Lynn, Y. Zhang, S. C. Hsu, H. Li, W. Liu, M. Gilmore, C. Watts	Magnetic Bubble Expansion as an Experimental Model for Extra-Galactic Radio Lobes
P2.026	C.Russo,R.A.Bendoyro,M.Hilbert,J.Jiang,G.Figueira,N.C.Lopes	Improving the reproducibility of plasma channels formed by electric discharges in structured gas cells
P2.027	Hui-Chun Wu, Jürgen Meyer-ter-Vehn	Terahertz radiation mechanism in a laser plasma filament
P2.028	A. Sid, A. Ghezal, M. Smadi, D. Bahloul	Fusion reaction burning in a magnetized cylindrical target
P2.029	Abbas Ghasemizad, Leila Gholamzadeh	The Investigation of Non-Uniformity of Heavy Ion Beam Irradiation on a Spherical Target in Inertial Confinement Fusion
P2.030	S.V.Ryzhkov, I.Yu.Kostukov	Magneto inertial fusion based on a field reversed configuration
P2.031	M. Kubkowska, A. Blagoev, P. Gasior, J. Wolowski	Spectroscopic investigation of time evolution of laser-produced tungsten plasma
P2.032	JG Rubiano, MA. Mendoza, JM Gil, R. Rodriguez, R. Florido, P. Martel, E. Minguez	Opacity calculations of high Z dense plasmas for ICF
P2.033	JG Rubiano, P. Martel, JM Gil, R. Rodriguez, R. Florido, E. Minguez	Analytical expressions for radiative properties of low Z plasmas

confID	Authors	Title
P2.034	E. Galtier, F.B. Rosmej, D. Riley, T Dzelzainis, P Heinmann, FY Khattak, RW Lee, B Nagler, A Nelson, T Tschentscher, SM Vinko, T Whitcher, S Toleikis, R Fäustlin, L Juha, M Fajardo, JS Wark, J Chalupsky, V Hajkova, J Krzywinski, R Soberierski, M Jurek, M Kozlova	Radiation emission of autoionising hole states of Al induced by XUV free electron laser radiation with FLASH at DESY
P2.035	Durut	Overview on target assembling and testing for ICF experiments
P2.035	Durut	Overview on target assembling and testing for ICF experiments
P2.036	Barbrel	Time-resolved x-ray scattering measurements of shock propagation in laser-driven CH foils
P2.036	Barbrel	Time-resolved x-ray scattering measurements of shock propagation in laser-driven CH foils
P2.037	Brambrink	Hard x-rays as a diagnostic tool for dense matter
P2.037	Brambrink	Hard x-rays as a diagnostic tool for dense matter
P2.038	T. Johzaki, H. Nagatomo, A. Sunahara, H. Sakagami, Y. Nakao, K. Mima	Integrated Simulations of Core Heating in FIREX-I
P2.039	H. Sakagami, T. Johzaki, H. Nagatomo, K. Mima	Optimum Density and Thickness of Low-Density Foam Coating on Cone Tip for FIREX-I
P2.040	Y. Oishi, T. Nayuki, C. Nakajima, T. Fujii, A. Zhidkov, K. Nemoto	X-ray generation by irradiation of high intensity laser light on thin film target for non-destructive diagnosis
P2.041	M. Olazabal-Loume, J. Breil, L. Hallo, X. Ribeyre	Stability of high mode perturbations in HiPER targets
P2.042	J.J.Santos, D.Batani, P.McKenna, S.D.Baton, F.Dorchies, A.Dubrouil, C.Fourment, S.Hulin, E.d'Hummeres, Ph.Nicolai, L.Gremillet, A.Debayle, J.J.Honrubia, M.Veltcheva, P.Carpegiani, M.N.Quinn, E.Brambrink, M.Rabec Le Glohaec	How fast electrons propagate in high-density plasmas created by shock wave compression experiments and simulations
P2.043	C. Regan, J. L. Feugeas, Ph. Nicolaï, V. T. Tikhonchuk, J. Santos, T. Schlegel, M. Temporal	Fast model for charged particles transport in ICF targets
P2.044	A.Kasperczuk, T.Pisarczyk, N.N.Demchenko, S.Yu.Guskov, M.Kalal, J.Ullschmied, E.Krousky, K.Masek, M.Pfeifer, K.Rohlén, J.Skala, P.Pisarczyk	Investigations of mechanisms of forming the plasma jets produced by the PALS laser
P2.045	Huang	Precise equation of state measurements using directly laser-driven shocks
P2.046	Feng	Ionization effect study in the transparent material driven by shock timing technique

confID	Authors	Title
P2.047	Jiang	Experimental investigation of supersonic radiation propagation in low-density plastic and glass foam
P2.048	Wang Zhebin, Zheng Jian, Jiang Xiaohua, Zheng Zhijian, Yu Changxuan	The application of Thomson scattering measurements in laser-produced plasmas of void gold hohlraum
P2.103	I. Soral, V. Guerra	THE IMPORTANCE OF DISCHARGE CURRENT IN THE FORMATION OF THE PINK AFTERGLOW OF A NITROGEN DC DISCHARGE
P2.104	T. Trottenberg, V. Schneider, I. Teliban, H. Kersten	MEASUREMENT OF THE FORCE ON MICROPARTICLES IN AN ENERGETIC ION BEAM
P2.105	Havlícková	Two computational approaches for two-dimensional modelling of plasma-solid interaction
P2.106	M.Habibi	Initail spot size of high power lasers on relativistic self-focusing in plasmas with ramp density profile
P2.107	L. Torrisi, S. Cavallaro, L. Giuffrida	Ion implantation from post-acceleration laser-generated plasma
P2.108	L. Torrisi, F. Caridi, L. Giuffrida, A. Borrielli, G. Mondio	Laser ablation mass spectrometry LAMS technique for isotopic ratio measurements
P2.109	E.A. Bogdanov, A.A. Kudryavtsev, A.S. Chirtsov, A.B. Tsyganov	The basic characteristics of the pulse helium microplasma source for analysis of gases by the method of collision electron spectroscopy CES
P2.110	A.M. Essiptchouk, L.I. Charakhovski, G.P. Filho, H.S. Maciel, Сh. Otani, E.A. Barros	Characterization of plasma torch with reverse vortex
P2.111	E. Felizardo, E. Tatarova, F. M. Dias, C. M. Ferreira, B. Gordiets	Microwave Air-Water Plasma Torch
P2.112	J. Henriques, F.M. Dias, E. Tatarova, C. M. Ferreira	Hot Hydrogen Atoms in a Microwave Ar – N2 – H2 Wave Driven Plasma Torch
P2.113	Zh. Kiss'ovski, M Kolev	Low power microwave plasma source at atmospheric pressure
P2.114	J.M. Palomares, E. Iordanova, A. Gamero, A. Sola, J.J.A.M. van der Mullen	Polydiagnostic study on a surfatron plasma at atmospheric pressure
P2.115	M. Pencheva, E. Benova	Surface Wave Characteristics and 2D Electromagnetic Field Distribution in Atmospheric Pressure Plasma Column
P2.116	E.Yazdani,A.Gharehbaghi-N.Donyadoost	Simulation of directed plasma blocks accelerated by nonlinear forces
P2.117	E. Iordanova, J. M. Palomares, A. Gamero, A. Sola, J. J. A. M. van der Mullen	Plasma confining mode
P2.118	S. Kimiagar , M. Movahed, M. Rahimi Tabar	Fractal properties of plasma discharg current fluctuation
P2.119	J. Kovacic, T. Gyergyek, M. Cercek	A comparison method between a fluid model solutions and PIC computer simulations
P2.120	Ts. Paunska, A. Shivarova, Kh. Tarnev, Ts. Tsankov	2D model of an inductively coupled hydrogen discharge
P2.121	J. Rasch, D. Anderson, M. Lisak, V. E. Semenov, J. Puech	Microwave corona breakdown in strongly inhomogeneous fields

confID	Authors	Title
P2.122	M. M. Turner	On the Bohm criterion in plasmas with several positive ion species
P2.123	M. M. Iqbal, M. M. Turner	Spatial uniformity of dielectric barrier discharges Multi-dimensional modelling
P2.124	S.Cavallaro	Diameter-depth correlations in CR39 track detectors to determine charge and energy of ions up to 5 AMeV.
P2.125	S. Iordanova, E. Kostov, Ts. Paunskia	Determination of the degree of dissociation of hydrogen discharges in a tandem-type plasma source
P2.126	F. Krčma	Pressure dependence of the DC nitrogen pink afterglow
P2.126	Krčma	Pressure dependence of the DC nitrogen pink afterglow
P2.127	T.Lefevre,A.Escarguel,F.B.Rosmej,L.Godbert-Mouret,R.Stamm	Radiative properties of neutral Helium under non-equilibrium conditions
P2.128	D. D. Monahan, M. M. Turner	Breakdown in dual-frequency capacitive discharges
P2.129	J. Puric, I.P. Dojcinovic, M.M. Kuraica	Spectroscopic study of target shielding layer created by quasistationary plasma flow
P2.131	O. S. Stoican	Study of the Plasma RF Impedance Variations Using an Amplitude Modulated RF Source
P2.132	K.A.Temelkov, N.K.Vuchkov, I.Freijo-Martin, E.P.Atanassov, N.V.Sabotinov	DETERMINATION OF THERMAL CONDUCTIVITIES AND GAS TEMPERATURE DISTRIBUTION FOR GAS DISCHARGES IN Ne AND He MIXTURES WITH HYDROGEN, COPPER AND BROMINE
P2.133	Vasil Yordanov, Alexander Blagoev	Study of the breakdown in a Plasma Focus like device
P2.134	B. Keville, M. M. Turner	Measurement and Control of Radicals in Plasma Processing Plasmas
P2.135	DeeptiSharma,R.Srinivasan	Study the effect of electron-wall conductivity and channel width in Hall Thruster
P2.136	I.P. Dojcinovic, M.M. Kuraica, J. Puric	Carbon and silicon surface treatment by quasistationary plasma flow
P2.137	Y. Klenko, J. Píchal	PE-CVD ADBD TiO ₂ Thin Films
P2.138	F. Felici, T.P. Goodman, O. Sauter	Self-consistent simulation of tearing modes during ECCD experiments on TCV
P2.139	S. Gnesin, J. Decker, T. P. Goodman, S. Coda, Y. Peysson	Synergy of 2nd and 3rd harmonic electron cyclotron absorption mediated by suprathermal electrons in the TCV tokamak
P2.140	A.N.Karpushov, B.P.Duval, E.Fable, J.-M. Mayor, H.Weisen	Feasibility Studies of the Neutral Beam Heating System for the TCV Tokamak
P2.141	F.Piras, S.Coda, I.Furno, J-M.Moret, R.A.Pitts, O.Sauter, B.Tal, G.Turri, A.Bencze, B.P.Duval, F.Felici, A.Pochelon, C.Zucca	Snowflake Divertor Plasmas on TCV
P2.142	J.Rossel,J.-M.Moret,Y.Martin,H.Weisen	A saddle coil system for TCV and RMP spectrum optimisation
P2.143	S.Yu. Medvedev, A.A. Ivanov, A.A. Martynov, Yu.Yu. Poshekhonov, Y.R. Martin, J-M. Moret, F. Piras, A. Pochelon, O. Sauter, L Villard	Stability of Snowflake Diverted and Negative Triangularity Plasmas in the TCV Tokamak

confID	Authors	Title
P2.144	B. Tal, F. Piras, G. Veres, R. Pitts, A.Bencze, J.-M. Moret, B. Joye, B. Duval	Radiation properties of snowflake diverted plasmas on TCV
P2.145	G. Bonheure, Christian Perez Von Thun, M.Reich, S Pinches, S Jachmich, S Sharapov, V Kiptily, S. Popovichev, A. Murari , R. Koslowski, JET-EFDA Contributors	In-situ calibration method for alpha particle losses diagnostics at JET
P2.146	A. Czarnecka, J. Rzadkiewicz, K-D. Zastrow, I. H. Coffey, K. D. Lawson, M. G. O'Mullane	Determination of Ni impurity density on JET by VUV emission spectroscopy
P2.147	R. De Angelis, F. Orsitto, M. Brix, N. Hawkes, E. Rachlew, A. Botrugno, P. Buratti, A. Fonseca, D. Howell, V. Pericoli, O. Tudisco , JET-EFDA Contributors	Current profile measurements in JET Advanced Tokamak scenarios
P2.148	D.Dodt,R.Fischer,A.Korotkov,T.Eich	Electron Density Profiles from the Probabilistic Analysis of the Lithium Beam at JET
P2.149	T.N. Dreischuh, L.L. Gurdev, D.V. Stoyanov, M.Beurskens, M. Walsh	Statistical modelling of the error in the determination of the electron temperature in JET by novel Thomson scattering LIDAR approaches
P2.150	O.P.Ford, J.Svensson, M.Beurskens, A.Boboc, J.Flanagan, M.Kempenaars, D.C.McDonald, E.R.Solano	Bayesian Combined Analysis of JET LIDAR, Edge LIDAR and Interferometry Diagnostics
P2.151	M.Gatu Johnson, C.Hellesen, M.Cecconello, E.Andersson Sundén, S.Conroy, G.Ericsson, G.Gorini, M.Nocente, E.Ronchi, H.Sjöstrand, M.Tardocchi, M.Weiszflog	Cross-validation of JET fast deuterium results from TOFOR and NPA
P2.152	S. Jednorog, M. Scholz, A. Murari, S. Popovichev	Numerical optimization of activation samples for the application of the activation technique to measure neutrons in large fusion devices like JET and ITER
P2.153	U.Kruezi,P.D.Morgan,M.Lehnen,S.Bozhenkhov,S.Jachmich,S.Brezinsek	Massive gas injection experiments at JET - performance and characterisation of the disruption mitigation valve
P2.154	J. Mlynar, G. Bonheure, A. Murari, S. Popovichev	Experimental studies of spatial characteristics of tritium transport at JET
P2.155	D.V. Stoyanov, T.N. Dreischuh, L.L. Gurdev, I. Balboa, M. Beurskens, O. Ford, J. Flanagan, M. Kempenaars, M.Walsh	Deconvolution of JET CORE LIDAR data and Pedestal Detection in Retrieved Electron Temperature and Density Profiles
P2.156	J. Bernardo, Y. Andrew, K. Crombé, S. Reyes Cortes, G. Saibene, T.M. Biewer, J. Ferreira, N.C. Hawkes, I. Jenkins, E. de la Luna, D. McDonald, I. Nunes, A. Salmi	Highly spatially resolved measurements of JET edge toroidal rotation in Type-I ELMy H-mode plasmas
P2.157	S.Devaux, T.Eich, G.Arnoux, H.Thomsen, W.Fundamenski, S.Jachmich, P.J.Lomas, E. de la Luna, I.Nunes, G.Saibene	Type-I ELM filamentary heat load patterns on the divertor target in JET

confID	Authors	Title
P2.158	A. Huber, G. Arnoux, S. Brezinsek, P. Coad, T. Eich, J.C. Fuchs, W. Fundamenski, S. Jachmich, A. Korotkov, A. Loarte, A. Meigs, G.F. Matthews, Ph. Mertens, V. Philipps, R. A. Pitts, G. Sergienko, U. Samm, B. Schweer, M. Stamp	Impact of large type I ELMs on plasma radiation in JET
P2.159	S. Jachmich, T. Eich, W. Fundamenski	Comparison of power deposition profiles during ELMs using Langmuir probes and Infra-Red Camera diagnostic at JET
P2.160	G.P.Maddison, C.Giroud, K.McCormick, A.Alonso, B.Alper, Y.Andrew, G.Arnoux, P.Belo, M.Beurskens, A.Boboc, S.Brezinsek, M.Brix, I.Coffey, E.de la Luna, P.de Vries, S.Devaux, T.Eich, R.Felton, W.Fundamenski, D.Harting, J.Hobirk, A.Huber, S.Jachmich, I.Jenkins, E.Joffrin, A.Kallenbach, M.Kempenaars, M.Lehnen, T.Loarer, P.Lomas, D.McDonald, A.Meigs, P.Morgan, J.Ongena, F.Rimini, A.Sirinelli, M.Stamp, G.Telesca, H.Thomsen, I.Voitsekhovitch	Impurity-seeding experiments on JET in preparation for the ITER-like wall
P2.161	K.McCormick, G.Maddison, G.Giroud, G.Arnoux, M.Beurskens, A.Boboc, S.Brezinsek,T.Eich, W.Fundamenski, J.Hobirk, A.Huber, S.Jachmich, E.Joffrin, M.Lehnen, P.Lomas, A.Meigs, P.Morgan, G.Saibene, M.Stamp, H.Thomsen	High Target Plate Recycling and Degradation of Confinement on JET
P2.162	I Nunes, P J Lomas, G Saibene, T Eich, G Arnoux, E de La Luna, JET-EFDA contributors	Divertor power handling assessment for baseline scenario operation in JET in preparation for the ILW
P2.163	G. Telesca , R. Zagorski , S.Brezinsek , W. Fundamenski , C. Giroud , M. O'Mullane , J. Rapp , M. Stamp , G. Van Oost , JET EFDA contributors	Progress in COREDIV modeling of impurity seeded JET discharges
P2.164	H.Thomsen, T.Eich, R. Sartori, G.Saibene, G.Arnoux, S.Devaux, E. de la Luna	Comparison of divertor power loads with and without TF ripple in JET
P2.165	P.Belo,V.Parail, E.R.Solano, G.Corrigan, C.Giroud, J.Spence, P.J. Lomas	Effect of the initial ELM on impurity transport in hot ion H mode plasma
P2.166	K.Crombe,Y.Andrew,E.Blanco,T.M.Biewer,M.Brix,P.deVries,A.Fonseca, C.Giroud,N.C.Hawkes,E.Joffrin,P.Mantica,A.Meigs,V.Naulin,E.Rachlew, S.Pinches,T.Tala,A.Whiteford	Influence of rotational shear on triggering and sustainment of internal transport barriers on JET
P2.167	A.C.A. Figueiredo, J. Ferreira, Y. Andrew, A. Sirinelli	Measurements of the radial scale of turbulence from ohmic through H-mode confinement in JET plasmas

confID	Authors	Title
P2.168	M.F. F. Nave, T. Johnson, A. Salmi, B. Alper, K. Cromb�, L.-G. Eriksson, C. Giroud, M.-L. Mayoral, J. Ongena, T. Tala, M. Tsalas, K.-D. Zastrow, JET-EFDA Contributors	Magnetic field ripple effect on JET Intrinsic Rotation
P2.169	M Valisa, C Angioni, L Carraro I Coffey, C Giroud, I Predebon, ME Puiatti, L Lauro Taroni, B Alper, D Van Eester, E Lerche, V Naulin, T Tala, M Tsala	Radio-frequency power injection and impurity profile control in JET
P2.170	T.W.Versloot,P.C.deVries,C.Giroud,M.-D.Hua,M.Beurskens,T.Eich,E.delaLuna,T.Tala,V.Naulin,K.D.Zastrow	Effect of ELMs on rotation and momentum confinement in H-mode discharges at JET
P2.171	Yong-Su Na, L. Terzolo, Y.S. Park, J.Y. Kim	Time-dependent Simulations of Hybrid Operation Modes Including Neoclassical Tearing Mode Activities in KSTAR
P2.172	J-W.Ahn, R.Maingi, V.Soukhanovskii, L.Roquemore	Dependence of divertor heat flux profiles on triangularity and drsep in NSTX H-mode plasmas
P2.173	L. Delgado-Aparicio, K. Tritz, D. Stutman, M. Finkenthal, S. A. Sabbagh, J. Bialek, J. Levesque, J. Manickam, S. Gerhardt	Multi-energy SXR characterization of stabilized resistive wall modes in NSTX
P2.174	E. D. Fredrickson, N. A. Crocker, D. Darrow, N. N. Gorelenkov, W. W. Heidbrink, S. Kubota, F. M. Levinton, D. Liu, S. S. Medley, M. Podesta, H. Yuh, R. E. Bell	Modeling Fast Ion Transport in TAE Avalanches in NSTX
P2.175	R. Maingi, T.H. Osborne, B.P. LeBlanc, R.E. Bell, J. Manickam, P.B. Snyder, J.E. Menard, D.K. Mansfield, H.W. Kugel, R. Kaita, S.P. Gerhardt, S.A. Sabbagh, F.A. Kelly	Modification of edge plasma profiles in ELM-suppressed discharges with lithium coatings in NSTX
P2.176	B.A. Nelson, R. Raman, T.R. Jarboe, D. Mueller, M.G. Bell, L. Roquemore, H.W. Kugel, V. Soukhanovskii	Coaxial Helicity Injection Non-inductive Startup on NSTX
P2.177	M.Podest�,R.E.Bell,N.A.Crocker,D.S.Darrow,E.D.Fredrickson,N.N.Gorelenkov,W.W.Heidbrink,S.Kubota,B.P.LeBlanc,D.Liu,S.S.Medley,E.Ruskov	Fast ion transport by toroidicity-induced Alfv�n eigenmodes on NSTX
P2.178	V.A.Soukhanovskii,R.Maingi,R.E.Bell,C.E.Bush,D.A.Gates,R.Kaita,H.W.Kugel,B.P.LeBlanc,R.Maqueda,J.E.Menard,D.Mueller,S.F.Paul,R.Raman, A.L.Roquemore	High flux expansion divertor studies in NSTX
P2.179	M. Agostini, P. Scarin, A. Alfier, F. Auriemma, F. Bonomo, R. Cavazzana, A. Fassina, M.Gobbin, M.E. Puiatti, G. Serianni, G. Spizzo, M. Spolaore, N. Vianello	Plasma edge properties in different magnetic topologies in the RFX-mod device

confID	Authors	Title
P2.180	M. Baruzzo, T. Bolzonella, S.C. Guo, Y.Q. Liu, G. Marchiori, R. Paccagnella, A. Soppelsa, F.Villone	Resistive Wall Mode spectra and couplings in RFX-mod
P2.181	A. Fassina, A. Alfier, M. Agostini, F. Auriemma, P. Franz, R. Lorenzini, E.Martines, P. Zanca	Electron pressure gradients analysis during QSH and SHAx states in RFX-mod
P2.182	R. Lorenzini, M. Agostini, P. Innocente, E. Martines, B. Momo, P. Scarin., M. Spolaore	The Last Closed Flux Surface at shallow F in RFX-mod
P2.183	Marchiori	Model-based full simulator of RWMs control system in RFX-mod
P2.183	Marchiori	Model-based full simulator of RWMs control system in RFX-mod
P2.184	S.Menmuir,A.Alfier,L.Carraro,A.Fassina,M.E.Puiatti,M.Valisa	Impurity transport studies in multiple helicity and enhanced confinement regimes QSH and SHAx in RFX-mod
P2.185	L. Piron, F. Bonomo, L. Marrelli, P. Piovesan, P. Zanca	Model-based design of multi-mode feedback control in high-current RFX-mod regimes
P2.186	M. Spolaore, G. De Masi, N. Vianello, R. Cavazzana, E. Martines, G. Serianni, M. Zuin	Parallel and perpendicular flow measurements
P2.187	N. Vianello, M. Spolaore, E. Martines, M. Agostini, R. Cavazzana, P. Scarin, G. Serianni, E. Spada, M. Zuin	Current filament structures in the edge region of the RFX-mod device
P2.188	Zanotto	Optimisation of the RFX-mod performance at high current
P2.188	Zanotto	Optimisation of the RFX-mod performance at high current
P2.189	Yu.V.Gott, E.I.Yurchenko	Self-generation of steady state current in tokamaks
P2.195	C.DiTroia,S.Briguglio,A.Cardinali,G.Fogaccia,M.Marinucci,G.Vlad,F.Zonca	Collective behaviors of fast ion accelerated by Ion Cyclotron Resonance Heating
P2.196	E.Lazzaro, S.Nowak, S. Cirant, R.Coelho	Self-consistent Determination of Magnetic Islands Frequency in 957 and 1/ 957 Neoclassical Viscous Regimes
P2.197	B. Eliasson, P.K.Shukla, V.P.Pavlenko	Dynamics of Nonlinearly Interacting Magnetic Electron Drift Vortex Modes in a Nonuniform Plasma
P2.198	P. L. Garcia-Martinez, R. Farengo	Non-linear evolution of unstable, helicity-injected, spheromak equilibria
P2.199	F.D.Halpern,G.Bateman,A.H.Kritz,R.V.Budny,J.Weiland	Multi-mode modeling of toroidal momentum confinement in tokamaks
P2.200	A.H.Kritz,G.Bateman,R.V.Budny,F.Halpern,D.McCune,A.Y.Pankin,T.Rafiq,J.Weiland	PTRANSP Predictive Integrated Tokamak Modelling
P2.201	H. Qu, H. R. Wilson	PIC simulation of the Neoclassical Tearing Mode Threshold
P2.202	S. G. Lee, J. G. Bak, E. M. Ka	Experimental results from the first plasma operation and upgrade plans for KSTAR magnetic diagnostics

confID	Authors	Title
P2.203	S. G. Lee, J. G. Bak, U. W. Nam, M. K. Moon, J. K. Cheon	Current research and installation activities of X-ray imaging crystal spectrometer for KSTAR
P2.204	J. G. Bak, S. G. Lee	Fast reciprocating Langmuir probe assembly for the initial spatial profile measurement of edge plasma parameters in the KSTAR machine
P2.205	J. G. Bak, S. G. Lee, E. M. Ka, D.K. Lee, S.W. Yoon	Vessel current measurement during the first KSTAR plasma campaign
P4.045	H. Alinejad, S. Sobhanian	Electromagnetic strong plasma turbulence and radiations from collapsing wave packets
P4.046	D. Bennaceur-Doumaz, M. Djebli	Modeling of laser induced plasma expansion in the presence of non Maxwellian electrons
P4.047	R.Bingham, B.J.Kellett	Hot Plasma in Galaxy Clusters Can it Explain the Anomalous Dynamics
P4.048	M. Cercek, T. Gyergyek, G. Filipic, C. Ionita, R. Schrittwieser	Floating Potential of a Collector in a Plasma with two Species of Positive Ions and two Electron Populations with Different Temperatures
P4.049	V.I.Demidov,J.Blessington,S.F.Adams,I.Kaganovich,J.M.Williamson	Controlling wall potential with small amount of energetic electrons
P4.050	M. Djebli, D. Bennaceur-Doumaz, H. Bachi	Relativistic plasma expansion in the presence of a magnetic field
P4.051	G. Bettega, B. Paroli, R. Pozzoli, M. Romé	Wavelet analysis of 2D turbulence in a non-neutral plasma
P4.052	G. Bettega, B. Paroli, R. Pozzoli, M. Romé	Experimental investigation of the ion induced I 2 diocotron instability in an electron plasma
P4.053	G. Bettega, F. Cavaliere, M. Cavenago, F. De Luca, B. Paroli, R. Pozzoli, M. Romé	Experimental investigation of the dynamics of low energy electron bunches in a Malmberg-Penning trap
P4.054	R. Gaelzer, M. C. de Juli, L. F. Ziebell	The Propagation and Absorption of Oblique Alfvén Waves in a Dusty Plasma
P4.055	J.Jiang,C.Russo,F.Fiúza,R.A.Fonseca,M.Fajardo,L.O.Silva,N.C.Lopes	Compact HHG seeded Free-Electron-Laser based on laser-plasma
P4.056	E. Kawamori, C. Z. Cheng, J. Y. Lee, Y. Liao, S. Chuang, W. Syugu	Development of Magnetized Plasma Device Using Thermionic- Thermoelectronic Plasma Emitter
P4.057	C.-B. Kim	MHD flow out of noise
P4.058	R.Kompaneets, A.V.Ivlev, S.V.Vladimirov	Ion plasma waves in a weakly ionized plasma with ion flow
P4.059	Kozáková	On degradation mechanisms of organic dye molecule in DC diaphragm discharge in water solutions
P4.059	Kozáková	On degradation mechanisms of organic dye molecule in DC diaphragm discharge in water solutions

confID	Authors	Title
P4.060	M.-J. Lee, K.-S. Chung, H.-J. Woo	Non-thermal effects on the acoustic modes of surface waves in a semi-bounded plasma
P4.061	N. Leprovost, E. Kim	Non-diffusive momentum transport in sheared rotating turbulence
P4.062	J.L. Martins, S.F. Martins, R.A. Fonseca, L.O. Silva	Numerical modeling of radiation in Weibel turbulence
P4.063	S. F. Martins, R. A. Fonseca, W. B. Mori, L. O. Silva	Ion dynamics and acceleration in relativistic shocks
P4.102	Wenninger	Comparison of divertor power loads of spontaneous and pellet triggered ELMs at JET
P4.103	A.Gupta, M.Tokar	A model for particle and energy losses by type I ELMs
P4.104	J. Seebacher, D. Reiter, S. Lisgo, P. Boerner, S. Kuhn	Kinetic modelling of Carbon migration in Scrape-Off Layer plasmas and comparison with experimental data
P4.105	M.Shoucri	The Formation of a Charge Separation and an Electric Field at a Steep Plasma Edge
P4.106	A.D. Bolshakova, A.Yu. Chirkov	Numerical study of drift instabilities in edge plasma of a field reversed configuration
P4.107	J. Anderson, E. Kim	Statistical theory of intermittency in a multi-scale model of MHD and micro-turbulence
P4.108	S. Braun, P. Helander, E.A. Belli, J. Candy	Collisional zonal-flow damping in an impure tokamak plasma
P4.109	J.Callaghan,M.Romanelli,A.Thyagaraja,K.G.McClements	Test-particle simulations of turbulent impurity transport in tokamak plasmas
P4.110	A.Yu. Chirkov	Modeling of non-linear waves and transport structures for the frc plasma conditions
P4.111	C. Crabtree, B. Coppi	Intrinsically Electromagnetic Micro-Reconnecting Modes and Electron Thermal Energy Transport
P4.112	T. Fukuda, N. Tamura, K. Ida, K. Tanaka, M. Yoshinuma, T. Kobuchi, K. Y. Watanabe, H. Funaba, H. Igami, K. Itoh, T. Ido, S. Inagaki, T. Oishi, T. Kato, S. Kado, S. Kubo, M. Goto, R. Sakamoto, S. Satake, A. Shimizu, T. Shimozuma, C. Suzuki, S. Sudo, Y. Takeiri, K. Toi, T. Tokuzawa, H. Nakano, K. Narihara, S. Nishimura, T. Notake, S. Muto, S. Morita, Y. Liu, H. Yamada, I. Yamada, M. Yokoyama, K. Kawahata, A. Komori	Impact of Local Magnetic Shear and Te/Ti ratio on Confinement Properties in Toroidal Confinement Systems
P4.113	N. Guertler, K. Hallatschek	Derivation of a Reynolds stress response functional for zonal flows from numerical simulations
P4.114	Ö. D. Gürçan, X. Garbet, P. Hennequin, P. H. Diamond, A. Casati, G. L. Falchetto	Dynamical study of wave number spectrum of plasma turbulence
P4.115	W. Guttenfelder, R.J. Akers, J. Candy, R.O. Dendy, A.R. Field, A.G. Peeters, C.M. Roach	Gyrokinetic Simulations Of Electron Scale Turbulence In Spherical Tokamak Plasmas With Flow Shear

confID	Authors	Title
P4.116	H. Isliker, A. Vogianou, L. Vlahos, M. Negrea, I. Petrisor, B. Weysow	Test-particle simulations of ion drift in stochastic magnetic fields
P4.117	H. Isliker, Th. Pisokas, D. Strintzi, L. Vlahos	A Self-Organized Criticality Model for Ion Temperature Gradient Mode Driven Turbulence
P4.118	R. Hager, K. Hallatschek	Radial propagation of geodesic acoustic modes
P4.119	K. Hallatschek	Dependence of turbulent transport on GAMs
P4.120	J.M.Dewhurst,B.Hnat,R.O.Dendy	The effects of non-uniform magnetic field strength on test particle transport in drift wave turbulence
P4.121	J.M.Dewhurst,B.Hnat,R.O.Dendy	Finite Larmor radius effects on test particle transport in drift wave-zonal flow turbulence
P4.122	S. Janhunen, J.A. Heikkinen, T.P. Kiviniemi, S. Leerink, M. Nora, F. Ogando	Transport analyses of the Cyclone base case on ELMFIRE
P4.123	A.Kammel, K.Hallatschek	Stationary transport states with zonal flows in self-consistent 3-D drift wave turbulence simulations
P4.124	M. Landreman, B. Coppi, O. Ohia	Angular Momentum Transport by Toroidal ITG Modes and by Two-Temperature Ion Modes
P4.125	X.Lapillonne,S.Brunner,E.Fable,T.Görler,F.Jenko,F.Merz,O.Sauter,L.Villard	Gyrokinetic simulations of microturbulence in tokamak plasmas presenting an electron internal transport barrier, and development of a global version of the GENE code
P4.126	A.Matsuyama, K.Hanatani	Calculation of neoclassical diffusion and viscosity coefficients for stellarator/heliotron devices by the Green-Kubo approach
P4.127	V. V. Nemov, S. V. Kasilov, W. Kernbichler, B. Seiwald	Calculation of the magnetic surface function gradient and associated quantities in stellarators with broken stellarator symmetry
P4.128	M. Nora, J.A. Heikkinen, S. Janhunen, T. Kiviniemi, T. Korpilo, S. Leerink, F. Ogando	Extension of the Gyrokinetic Code ELMFIRE to the SOL Region
P4.129	O. Ohia, B. Coppi, P. Buratti	Plasmas with High Energy Particles and Relevant Magnetic Reconnection Processes
P4.130	V.P. Pastukhov, N.V. Chudin	Turbulence and anomalous cross-field heat transport in tokamak core plasmas in regimes with fast changes of power input
P4.131	V.A. Rozhansky, I.Yu. Senichenkov	1D transport equation for toroidal momentum in a tokamak
P4.132	O.A.Shyshkin, B.Weysow	Test particle simulations for impurity transport in fusion non Maxwellian plasma
P4.133	W.X. Wang, T.S. Hahm, S. Ethier, S. M. Kaye, W. Solomon, G. Rewoldt	Trapped Electron Effects on Transport Relationships in Tokamak Plasmas

confID	Authors	Title
P4.134	A. S. Ware, D. A. Spong, T. Marine, M. Breyfogle	Neoclassical Viscosities and Anomalous Flows in Stellarators
P4.135	J.W.S.Cook,S.C.Chapman,R.O.Dendy	Particle-in-cell simulations of the emission mechanism for fusion product-driven ion cyclotron emission from tokamak plasmas
P4.136	A.B.Kukushkin,P.V.Minashin	Influence of Magnetic Field Inhomogeneity on Electron Cyclotron Power Losses in Magnetic Fusion Reactor
P4.138	C.T. Holcomb, J.R. Ferron, T.C. Luce, T.W. Petrie, P.A. Politzer, C. Chalais, E.J. Doyle, C.M. Greenfield, A.W. Hyatt, C. Kessel, M.A. Makowski, G.R. McKee, M. Murakami, T.H. Osborne, J.M. Park, G.D. Porter, M.W. Shafer, P.B. Snyder, A.D. Turnbull	Plasma Shape and Safety Factor Optimization for Steady-State Tokamak Development in DIII-D
P4.139	G.L.Jackson, T.A.Casper, T.C.Luce, J.A.Boedo, E.J.Doyle, J.R.Ferron, D.A.Humphreys, A.W.Hyatt, J.A.Leuer, R.A.Moyer, T.W.Petrie, D.L.Rudakov, M.L.Walker	Experiments Simulating ITER Rampdown and Startup Scenarios in the DIII-D Tokamak
P4.140	C.J. Lasnier, J.A. Boedo, N.H. Brooks, A.W. Leonard, J.G. Watkins, W.P. West	Scaling of Divertor Heat Flux Profile Widths in DIII-D
P4.141	M. Okabayashi, I.N. Bogatu, T. Bolzonella, A.M. Garofalo, Y. In. G.L. Jackson, R.J. La Haye, M.J. Lanctot, L. Marrelli, P. Martin, H. Reimerdes, M.J. Schaffer, E.J. Strait	Exploring Robustness of Magnetic Feedback Using Current-Driven Resistive Wall Mode Stabilization
P4.142	T.W. Petrie, G.D. Porter, N.H. Brooks, M.E. Fenstermacher, J.R. Ferron, M. Groth, A.W. Hyatt, R.J. La Haye, C.J. Lasnier, T.C. Luce, A.W. Leonard, P.A. Politzer, M.E. Rensink, M.J. Schaffer, M.R. Wade, J.G. Watkins	The Behavior of Injected Impurities Under Radiating Divertor Conditions With Puff-and-Pump Type Particle Control
P4.143	R.K.Fisher, R.L.Boivin, M.Garcia-Munoz, W.W.Heidbrink, D.C.Pace, M.A.Van Zeeland, Y.B.Zhu	Fast Ion Loss Diagnostics on DIII-D
P4.144	F. Turco, T.C. Luce, J.R. Ferron, C.C. Petty, P.A. Politzer, A.D. Turnbull, D.P. Brennan, M. Murakami, R.J. Jayakumar, T.A. Casper, C.T. Holcomb	Measurement and Modeling of Tearing Mode Stability for Steady-State Plasmas in DIII-D
P4.145	E.A. Unterberg, T.E. Evans, R. Maingi, O. Schmitz, N.H. Brooks, M.E. Fenstermacher, R.A. Moyer, D.M. Orlov, S. Mordijck	Particle Exhaust During RMP ELM Suppression on DIII-D With an Open and Closed Divertor
P4.146	R.A.Bendoyro,C.Russo,M.Hilbert,J.Jiang,G.Figueira,F.Fiúza,R.Fonseca,L.O.Silva,N.C.Lopes	Coupling of high-intensity lasers to plasma channels
P4.147	A.V.Burdakov, A.A.Ivanov, E.P.Kruglyakov	Novosibirsk mirror traps. Status and prospects.

confID	Authors	Title
P4.148	G.Granucci,S.Alocchi,B.Baiocchi,W.Bin,A.Bruschi,A.Cremona,M.DeAngel i,F.Dell'Era,F.Gandini,S.Garavaglia,G.Gatto,G.Gervasini,G.Gittini,G.Gro sso,E.Lazzaro,M.Lontano,V.Mellera,V.Muzzini,A.Moro,A.Nardone,D.Ri cci,R.Schiavone,N.Spinicchia,C.Sozzi	First plasma measurements in the linear device GyM
P4.149	Shervin Goudarzi, Amir Raeisdana	Experimental Observation of hot spots in a Filippov-type Plasma Focus Device
P4.150	S. Moustazis, P. Lalousis	On the expansion of high density plasmas in mirror-like magnetic topologies
P4.151	V.V.Postupaev, A.V.Arzhannikov, V.T.Astrelin, V.I.Batkin, A.V.Burdakov, V.S.Burmasov, I.A.Ivanov, M.V.Ivantsivsky, K.N.Kuklin, S.A.Kuznetsov, M.A.Makarov, K.I.Mekler, S.V.Polosatkin, S.S.Popov, A.F.Rovenskih, A.A.Shoshin, N.V.Sorokina, S.L.Sinitsky, A.V.Sudnikov, Yu.S.Sulyaev, L.N.Vyacheslavov	Advances in turbulent plasma confinement in multiple-mirror trap GOL-3
P4.152	V.V.Prikhodko, A.V.Anikeev, P.A.Bagryansky, A.D.Beklemishev, A.S.Donin, A.A.Ivanov, A.V.Kireenko, K.Yu.Kirillov, Yu.V.Kovalenko, M.S.Korzhavina, A.A.Lizunov, V.V.Maximov, S.V.Murakhtin, E.I.Pinzhenin, V.Ya.Savkin, E.I.Soldatkina, A.L.Solomakhin, Yu.A.Tsidulko	Experiment with Ambipolar Plug on GDT device
P4.153	R.C.Wiegers, H.J.de Blank, W.J.Goedheer	B2-Eirene study of currents and the effects of heating in a linear plasma device
P4.154	P.B. Aleynikov, S.V. Konovalov, A.A. Ivanov	Modeling of the ITER Heating/CD and Diagnostic Neutral Beams
P4.155	O. D'Arcangelo, W.Bin, A. Bruschi, W.Kasperek, A. Moro, V. Muzzini, B. Plaum, A. Simonetto	Development of a Fast Switcher/Combiner diplexer for High Power ECRH Applications
P4.156	M.FurnoPalumbo,Y.Q.Liu,G.Rubinacci,S.Ventre,F.Villone	Analysis of RWM in ITER including 3D volumetric blanket modules
P4.157	J. Garcia, G. Giruzzi, P. Maget, J.F. Artaud, V. Basiuk, J. Decker, G. Huysmans, F. Imbeaux, Y. Peysson, M. Schneider	Cyclic scenarios for steady-state operation of tokamak reactors
P4.158	M. Ishikawa, T. Kondoh, T. Nishitani, Y. Kusama	Effect of Thermal Neutrons on Fusion Power Measurement using Micro-Fission Chamber in ITER
P4.159	H.Jhang, J.Kwon, S.H.Ku, G.Y.Park, S.H.Ko, D.-K. Oh, J.Y.Kim, C.S.Chang	Alpha particle-driven heat flux due to TBM-induced localized magnetic field perturbations in ITER plasmas
P4.160	T.Koskela,O.Asunta,T.Kurki-Suonio,K.Shinohara,S.Sipilä,E.Strumberger	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, A.A. Kavin, R.R. Khayrutdinov, V.E. Lukash, V.E. Zhogolev	Study of ITER Plasma Start-Up Conditions by ASTRA and DINA Codes

confID	Authors	Title
P4.162	J.B. Lister, K. Besseghir, S. H. Kim, Ph. Moreau, F. Saint-Laurent, V. Dokouka, R.R. Khayrutdinov, V.E. Lukash	Identification of the ITER plasma equilibrium using modulation
P4.163	Y. Nakamura, S. Miyamoto, T. Sugie, Y. Kusama, R. Yoshino	TSC Simulation of ITER Plasma Termination Scenario with Stable H-L Mode Transition and Avoidance of Radiation Collapse
P4.164	C. R. Seon, M. S. Cheon, S. Pak, H. G. Lee, W. Biel, R. Barnsley	Design and fabrication of the prototype system for development of the ITER vacuum ultraviolet spectrometers
P4.165	M. Sugihara, D. J. Campbell, Yu. Gribov, A. Loarte, V. Mukhovatov, R. A. Pitts, M. Shimada	Disruption and Runaway Electron Mitigation on ITER
P4.166	F. Villone, Y. Q. Liu	Multimodal ITER RWM analysis including 3D conducting structures
P4.167	A.S.Kukushkin, H.D.Pacher, V.Kotov, G.W.Pacher, D.Reiter	Operational Window for the Modified ITER Divertor
P4.168	R Cesario, M Marinucci	High bootstrap at the edge and improved confinement in ITER-relevant plasmas
P4.169	I.Bolshakova, I.Duran, R.Holyaka, C.Leroy, A.Marusenkov, J. Sentkerestiová, L.Viererbl, V.Yerashok	Instrumentation for Hall sensor testing in ITER-like radiation conditions
P4.170	R.R. Khayrutdinov, S.V. Mirnov, Yu. A. Kareev, V.E.Lukash	Study of low Z pellets injection for disruption mitigation in ITER like tokamaks
P4.171	G.Serianni, P.Agostinetti, V.Antoni, M.Cavenago, G.Chitarin, N.Marconato, N.Pilan, P.Sonato, P.Veltri	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
P4.173	J. Arevalo, K. J. McCarthy, J.M. Fontdecaba, J.M. Carmona	Localized impurity ion temperature and velocity measurements by CXRS during NBI heated plasmas in the TJ-II stellarator
P4.174	E. Ascasibar, T. Estrada, M. Liniers, M. Ochando, F. L. Tabares, D. Tafalla, J. Guasp, R. Jimenez-Gomez, F. Castejon, D. Lopez-Bruna, A. Lopez-Fraguas, I. Pastor, A. Cappa, I. Vargas	Global energy confinement studies in NBI plasmas of the TJ-II stellarator under lithium-coated wall conditions
P4.175	A.Baciero, B.Zurro, L.Carraro, M.E.Puiatti, R.Florido	A study of the sensitivity of carbon emission lines to the neutral density profile in TJ-II ECRH plasmas
P4.176	I. Calvo, B. A. Carreras, L. Garcia, M. A. Pedrosa, C. Hidalgo	Zonal flow-based interpretation of long-distance correlations in the edge shear layer of TJ-II
P4.177	Cappa	Calculated evolution of the Electron Bernstein Wave heating deposition profile under NBI conditions in TJ-II plasmas
P4.177	Cappa	Calculated evolution of the Electron Bernstein Wave heating deposition profile under NBI conditions in TJ-II plasmas

confID	Authors	Title
P4.178	F.Castejón, L.Barrera, E.Blanco, A.Chymega, S.Eguilior, L.G.Eliseev, J.Herranz, L.Krupnik, D.López-Bruna, E.de la Luna, F.Medina, A.Melnikov, M.A.Ochando, A.Zhezhera	Kinetic effects and outward particle flux induced by ECRH in TJ-II
P4.179	J.M. Fontdecaba, V. Tribaldos, S. Petrov, R. Balbín, J. Arévalo	Ion confinement studies in NBI heated TJ-II plasmas using CX-NPA diagnostics
P4.180	J. M. García-Regaña, F. Castejón, A. Cappa, M. Tereshchenko, N. B. Marushchenko	Electron Bernstein Current Drive calculations in TJ-II
P4.181	Isabel Gracia-Cortes, F. L. Tabarés, D. Tafalla, J.A. Ferreira, J.M. Fondecaba	Ion Temperature Measurements by an Ionization Gauge in TJ-II
P4.182	T. Happel, T. Estrada, O. Bondarenko, E. Blanco, V. Tribaldos, A. Cappa, A. Bustos	Perpendicular plasma velocity and radial electric field profiles measured by Doppler reflectometry in the stellarator TJ-II
P4.183	J.A. Romero, D. López-Bruna, A. López-Fraguas, R. Jiménez-Gómez, E. Ascasiar, T. Estrada, R. Carrasco, L. Pacios, A. de la Peña, F. Lapayese	A flux control tool to perform single discharge magnetic configuration sweeping at the TJ-II heliac
P4.184	J.J. Martinell, D. Lopez-Bruna, F. Castejon, V.I. Vargas, C. Gutierrez-Tapia	Radial Electric Field Computations in TJ-II and Comparison with HIBP Measurements
P4.185	K. J. McCarthy, J. Arevalo, V. Tribaldos, J.M. Fontdecaba	The observation of spectral lines from fast oxygen ions injected into the TJ-II stellarator during neutral beam heating
P4.186	A.V. Melnikov, L.I. Krupnik, C. Hidalgo, E. Ascasiar, A.A. Chmyga, L.G. Eliseev, T. Estrada, A.D. Komarov, A.S. Kozachok, M. Liniers, S.E. Lysenko, V.A. Mavrin, M.A. Ochando, J. L. de Pablos, M.A. Pedrosa, S.V. Perfilov, F. Tabares, A.I. Zhezhera	Turbulence and Plasma Potential Evolution Study by HIBP Diagnostic During L-H Transition in the TJ-II Stellarator
P4.187	P. Pedreira, L.Esteban, A.R. Criado, P. Acedo, M. Sánchez, J. Sánchez	Electron density spatial resolution evaluation in the prototype expanded beam two-color heterodyne interferometer in the TJ-II Stellarator
P4.188	M. A. Pedrosa, C. Hidalgo, C. Silva, D. Carralero, E. Ascasiar, B. A. Carreras, T. Estrada, F. L. Tabarés, D. Tafalla, J. Guasp, M. Liniers, A. López-Fraguas, B. van Milligen, M. A. Ochando	Evidence of multi-scale correlations of fluctuations during transition to high confinement regimes in the TJ-II stellarator plasmas
P4.189	R.J.Peláez, B.Zurro, A.Baciero, D.Rapisarda	Probing the edge ion temperature by passive Doppler spectroscopy in the TJ-II stellarator
P4.190	F. L. Tabarés, M. Ochando, D. Tafalla, F. Medina, K. McCarthy, M. Liniers, J. Guasp, E. Ascasiar, T. Estrada, I. Pastor, TJ-II Team	Control of plasma profile by gas and impurity injection in TJ-II under Li wall conditions

confID	Authors	Title
P4.191	B.Zurro, A.Baciero, E.Hollmann, M.Tillack, M.Liniers, A.Fernández, A.Cappa, F.Medina, A.López-Sánchez, I.Pastor, J.Herranz	Confinement of impurities injected by laser blow-off in the ECRH and NBI regimes of the TJ-II stellarator
P4.192	T. Andreeva, C.D. Beidler, E. Harmeyer, F. Herrnegger, Yu. Igitkhanov, J. Kißlinger, M. Köppen, H. Wobig	Development of the Wendelstein Line towards a Helias Reactor
P4.193	P.A.Bagryansky, A.V.Anikeev, A.D.Beklemishev, A.S.Donin, A.A.Ivanov, Yu.V.Kovalenko, E.P.Kruglyakov, A.A.Lizunov, V.V.Maximov, S.V.Murakhtin, K.Noack, V.V.Prikhodko, V.Ya.Savkin, A.L.Solomakhin, E.I.Soldatkina, Yu.A.Tsidulko	Application of Gas Dynamic Trap as neutron source for subcritical fission reactors
P4.194	B. Coppi, F. Bombarda, P. Detragiache, A. Cardinali, A. Airoidi, G. Cenacchi	The High Density Path to Fusion
P4.195	A. Frattolillo, S. Migliori, F. Bombarda, M. Capobianchi, G. Ronci, L.R. Baylor, S.K. Combs, J.B.O. Caughman, C. Foust, S.J. Meitner, B. Coppi, G. Roveta	Testing of the High Speed Pellet Injector for Ignitor
P4.196	G.W. Pacher, H.D. Pacher, A.S. Kukushkin, G. Janeschitz, V. Kotov, D. Reiter, D.P. Coster	Consistent core-edge modelling of impurity-seeded DEMO plasma
P4.197	S.V.Ryzhkov	Thermonuclear Magnetic Configurations as STEADY STATE Fusion Reactors
P4.198	J.E. Vitela, J.J. Martinell	Exploratory Studies of Power Generation Control in Tokamak Fusion Power Plants
P4.199	P. Devynck, T. Wauters, E. Delchambre, J.C. Vallet, C. Balorin, J. Bucalossi, P. Monier-Garbet	Study of the physical dependences of the radiated power in Tore Supra and its link with Zeff
P4.200	D. Douai, T. Wauters, S. Brémond, E de la Cal, G. Lombard, A. Lysoivan, B. Pegourié, E. Tsitrone	Ion Cyclotron discharges for Tokamak wall conditioning in presence of a magnetic field recent experimental results on Tore Supra.
P4.201	L.Gabellieri, D.Pacella, D.Mazon, A.Romano	A simplified automatic method to derive information about content and spatial distribution of the impurities in tokamak plasmas
P4.202	F. Imbeaux, M. Lennholm, A. Ekedahl, P. Pastor, S. Brémond, G. Giruzzi, P. Maget, D. Molina, P. Moreau, F. Saint-Laurent, J.L. Ségui	Real time control of stationary states of the current profile on the Tore Supra tokamak
P4.203	M. Kocan, J.P.Gunn	First evidence for poloidal asymmetries of radial ion energy transport by ion temperature measurements in the scrape-off layer of Tore Supra
P4.204	D.Pacella, D.Mazon, A.Romano, L.Gabellieri	Global analysis of the 2-D Soft-X ray tomography reconstructions at Tore Supra by means of form factors
P4.205	Saint-Laurent	Control of Runaway Electron Beams on Tore Supra

confID	Authors	Title
P4.205	Saint-Laur	Control of Runaway Electron Beams on Tore Supra
P4.206	E.Trier,P.Hennequin,C.Fenzi,Ö.D.Gürcan,R.Sabot,J.Bucalossi,L.Vermare,P.Maget,C.Bourdelle,F.Clairet,G.Falchetto,X.Garbet,G.Huysmans	Measurements of radial electric field inversion by Doppler Reflectometry in Tore Supra shaped plasmas
P4.207	V. Petrzilka, V. Fuchs, J. P. Gunn, A. Ekedahl, M. Goniche	Fast electron generation by LH waves scattered on ponderomotive density modulations in front of LH grills
P4.208	L. Vermare, C. Bourdelle, T. Gerbaud, A. Sirinelli, F. Imbeaux, P. Hennequin, T. Aniel, A. Casati, F. Clairet, D. Elbeze, G. Falchetto, C. Fenzi, X. Garbet, C. Gil, R. Guirlet, O. Gurcan, S. Heuraux, C. Honore, R. Sabot, J.-L. Segui	Scaling of turbulence and transport on Tore Supra with dimensionless parameters beta, rhostar and nustar
P4.209	D. Villegas, R. Guirlet, C. Bourdelle, X. Garbet, F. Imbeaux, R. Sabot	Influence of the temperature gradient on impurity transport in Tore Supra
P4.210	X.L. Zou, S.D. Song, G. Giruzzi, C. Honore, J.L. Ségui, D. Elbeze, F. Clairet, R. Sabot, J. Bucalossi, P. Hennequin, F. Bouquey, M. Lennholm, R. Magne, E. Traisnel, W.W. Xiao, X.T. Ding, Y. Shen, J. Rao, J. Zhou, L.H. Yao, B.B. Feng, C.Y. Chen, X.M. Song, Y. Zhou, L.C. Li, D.L. Yu, Z.T. Liu, B.S. Yuan, H.J. Sun, X.Q. Ji, Y.D. Gao, W. Chen, Y.G. Li, L.W. Yan, Q.W. Yang, Yi Liu, J.Q. Dong, X.R. Duan, C.H. Pan, Yong Liu	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, H. Hartfuss, M. Hirsch	Localisation and spatial resolution of the ECE diagnostic system for W7-X
P4.213	E. Belonohy, M. Endler, M. Hirsch, K. McCormick, G. Papp, G. Pokol, H. Thomsen, A. Werner, S. Zoletnik	Edge Instabilities in the High Density H-mode Regime of Wendelstein 7-AS
P4.214	L. Esteban, P. Pedreira, M. Sánchez, P. Acedo, J. Sánchez	Very fast multiple input phase meter for the TJ-II stellarator expanded beam interferometer
P4.215	L. Esteban, M. Sánchez, J. Sánchez, P. Kornejew, M. Hirsch, R. König	Thermo-optical ZnSe windows effect reduction in TJ-II infrared interferometer diagnostic.
P4.216	T. Shikama, J. Yanagibayashi, K. Fujii, K. Mizushiri, T. Nishioka, M. Hasuo, S. Kado, H. Zushi	Application of the Zeeman patterns to local measurements of diatomic molecular spectra
P4.217	E.Z. Gusakov , N.V. Kosolapova , S. Heuraux	Modelling of the turbulence wave number spectra reconstruction from the radial correlation reflectometry data

confID	Authors	Title
P4.218	B. J. Ding, G. Giruzzi, V. Basiuk, J. F. Artaud, F. Imbeaux, T. Aniel, P. Huynh, A. Becoulet	Influence of gas puffing on edge plasma characteristics in HT-7 tokamak
P4.219	E. Yatsuka, K. Kinjo, K. Uchijima, J. Morikawa, Y. Ogawa	Directly Verification of an Electron Bernstein Wave Heating in the Internal Coil Device Mini-RT
P4.220	E. Gusakov, S. Heurax, A. Popov	Possibility of the giant scattering enhancement due to wave trapping in the reflectometry experiment
P5.064	M. Mehdipoor	Localized Electrostatic Excitations and Higher-Order Nonlinear Effects in Weakly Relativistic e-p-i Plasma
P5.065	A.Mohri, Y.Kawai, Y.Kiwamoto	A Method of Positron Plasma Formation Using Electron LINAC
P5.066	T. Nakano, W. Oohara, Y. Tauchi, O. Fukumasa	Effect of Vibrationally-Excited Molecules and Electron Temperatures on D-/H- Production in a Pure Volume Production Source
P5.067	A.P. Newton, E. Kim	Dual role of shear flow in turbulent transport of magnetic fields
P5.068	R. M. Nicol, S. C. Chapman, R. O. Dendy	Evolving magnetohydrodynamic turbulence in the quiet fast solar wind
P5.069	W. Oohara, K. Tokuhira, O. Fukumasa	Hydrogen Pair-Ion Production by Catalytic Ionization
P5.070	S.Pantazis,D.Valougeorgis,A.Grecos	Simulation of a charged particle motion in a homogeneous magnetic field subject to a random force
P5.071	Philip Philipoff	Numerical and Experimental Positron Lifetime Evaluation
P5.072	M.M.Rahman,S.Tamura,T.Kaneko,R.Hatakeyama	Electron Temperature Gradient Driven Low-Frequency Mode in Magnetized Plasmas
P5.073	L. Rajaei, S. Mirabotalebi, B. Shokri	Transition of the electromagnetic wave through a warm over density plasma
P5.074	P. Rebusco, B. Coppi, M. Bursa	3D-Spirals Emerging from Plasma Disks and High Frequency QPOs
P5.075	A. N. Romannikov	Relativistic Theory of Radial Electric Field E_r in non-periphery Tokamak Plasma
P5.076	S. P. Sadykova, W. Ebeling, I. Valuev, I. Sokolov	Electric Microfield Distributions and their Tails in Alkali Plasmas with Account of the Ion Structure
P5.077	A. Serbeto, L. A. Rios, J. T. Mendonça	Nonlinear study of imperfect relativistic mirrors
P5.078	Shaikhislamov	Chapman-Ferraro Currents and Region 1 Field Aligned Currents in Experiments on Laser-Produced Plasma Interacting with Magnetic Dipole
P5.078	Shaikhisla	Chapman-Ferraro Currents and Region 1 Field Aligned Currents in Experiments on Laser-Produced Plasma Interacting with Magnetic Dipole
P5.079	Rohtash Singh, A. K. Sharma	Self focusing of a whistler propagating at an angle to magnetic field in a plasma
P5.080	M.Taguchi	Transport equations for fast ions in turbulent plasma
P5.081	M.Tanimoto, S.Kato, N.Saito, E.Takahashi	High Energy Electron Dynamics in Transient Lightning Leader Channels
P5.082	Davy D. Tskhakaya, S. Kuhn	Time-dependent theory of Child-Langmuir sheath formation

confID	Authors	Title
P5.083	Christopher Watts, Masaya Kuniyoshi, Ken Dymond	Understanding Ionospheric Effects for the LWA
P5.084	Lalescu	Implementation of high order spline interpolations for tracking charged particles in discretized fields
P5.085	L. Popova	ASTROPHYSICAL PLASMA AND THE ORIGIN OF PERIODIC COSMIC RAYS
P5.086	Verdon	Wave propagation in a counterstreaming electron-positron plasma
P5.132	Willi	Spectrally resolved measurements of runaways in the TEXTOR tokamak
P5.133	Chapman	Nonlinear and Kinetic Effects on Resistive Wall Mode Stability
P5.134	Ronald	EXPERIMENTAL AND NUMERICAL SIMULATION OF AURORAL CYCLOTRON RADIATION MECHANISMS
P5.135	Hojabri	Study of Energy Limit of Runaway Electrons in the Iran Tokamak 1 (IR-T1)
P5.136	Ryzhkov	THERMONUCLEAR MAGNETIC CONFIGURATIONS WITH NO TOROIDAL FIELD AS FUSION REACTORS
P5.137	Sánchez	Reduction of thermo-optical ZnSe windows effect in the TJ-II diagnostic: infrared interferometer
P5.138	Y. Lin, J. Rice, S. Wukitch, M.J. Greenwald, A.E. Hubbard, A. Ince-Cushman, L. Lin, E.S. Marmor, M. Porkolab, M.L. Reinke, N. Tsujii, J.C. Wright	Ion Cyclotron Range of Frequencies Mode Conversion Flow Drive on Alcator C-Mod
P5.139	M. Berta, A. Bencze, G. Anda, M. Aradi, S. Zoletnik	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, R Dejarnac, J Havlicek, J Horacek, M Hron, R Panek, V Weinzettl, J Zajac, M Berta	Plasma Breakdown Studies on COMPASS
P5.142	M. Stransky, J. Urban, I. Voitsekhovitch	Transport simulations of COMPASS operation with NBI heating and current drive
P5.143	M.Aizawa, Y.Nagamine	Improved Particle Confinement by Magnetic Field Control in Low Aspect Ratio L 1 Helical Systems
P5.144	V.V.Chechkin, A.A.Beletskii, P.Ya.Burchenko, L.I.Grigor'eva, A.Ye.Kulaga, A.V.Loizin, Yu.K.Mironov, V.L.Ocheretenko, V.S.Romanov, A.I.Skibenko, A.S.Slavnyj, Ye.L.Sorokovoy, V.I.Tereshin, Ye.D.Volkov	Studies of mechanisms of transport barrier formation in RF discharge plasmas of the Uragan-3M torsatron
P5.145	S. Enge, G. Birkenmeier, K. Weber, A. Köhn, M. Ramisch, U. Stroth	Measurement of argon-ion temperature and flow velocities in the TJ-K.
P5.146	A. Köhn, G. Birkenmeier, P. Diez, E. Holzauer, M. Ramisch, U. Stroth	Generation and heating of a toroidally confined overdense plasma in TJ-K

confID	Authors	Title
P5.147	X.Y.Han,X.R.Duan,L.M.Yang,D.L.Yu,W.L.Zhong,B.Z.Fu,Y.Liu	Measurement of ion temperature profile based on CXRS in HL-2A tokamak
P5.148	G. J. Lei, J.Y. Cao	The Progress of NBI heating experiment on HL-2A
P5.149	J.X.Li, Y.D.Pan, J.H.Zhang	TSC simulation of the first ohmic discharge in HL-2M
P5.150	H. W. Lu, L. Q. Hu, S.Y. Lin, S.F. Wang, G.Q. Zhong, K.Y. Chen, P. Xu, Y.M. Duan, J.Z. Zhang, S.T. Mao	Runaway electron behaviors on alternating current AC operation of the HT-7 tokamak
P5.151	S.Y. Lin ,B.N. Wan, L.Q. Hu, P.Xu,H.W.Lu,X.D.Du	Collisional slowing down of fast electrons in HT-7
P5.153	V.K.Gusev, B.B.Ayushin, S.E. Aleksandrov, A.V.Bogomolov, F.V.Chernyshev, G.S.Kurskiev, N.A.Khromov, B.Minaev, A.B.Mineev, M.I.Mironov, I.V.Miroshnikov, M.I.Patrov , Yu.V.Petrov, V.A.Rozhansky, V.V.Rozhdestvensky, N.V.Sakharov, I.Yu.Senichenkov, S.Yu.Tolstyakov, V.I.Varfolomeev, A.V.Voronin, A.V.Zabuga	High density regimes in Globus-M
P5.154	R.Narayanan,G.O.Ludwig,R.M.Castro,J.G.Ferreira,L.A.Berni,E.DelBosco	Study of the loss of high energy electrons in the ETE Spherical Tokamak
P5.155	J. Rosato, D. Reiter, Y. Marandet, S. Mekkaoui	Line radiation transport in tokamak edge plasmas - opacity and fluctuations
P5.156	M. Uchida, H. Tanaka, T. Maekawa	Start-up and Formation of Spherical Torus Plasma by Electron Cyclotron Heating and Current Drive
P5.157	A.V.Voronin, V.K.Gusev, G.S.Kurskiev, B.B.Ayushin, M.M.Kochergin, I.V.Miroshnikov, E.E.Mukhin, V.B.Minaev, M.I.Patrov, Yu.V.Petrov, N.V.Sakharov, S.Yu.Tolstyakov, A.V.Zabuga	Double pulse plasma gun for parameter controlling of Globus-M
P5.158	Z.Y. Wu, W.L. V. Afanasyev, J. Lu, P. Yi, L.G. Zang, Z.W. Xia, Y. Liu	The Development and Preliminary Results of Multi-channel Gas stripping NPA on HL-2A
P5.159	R.V.Budny, K.Indreshkumar, D.McCune, M.-L.Mayoral, J.Ongena, D.Van~Eester, J.Conboy, I.Voitsekovitch, T.Johnson	Progress and verification of TRANSP-TORIC analysis of ICRH in JET
P5.160	D. Frigione, K. Gal, L. Garzotti, E. Giovannozzi, F. Kochl, G. Kocsis, P. Lang, B. Pegourie, M. Valovic	Analysis of pellet fuelling, ablation and particle deposition at JET

confID	Authors	Title
P5.161	E. Giovannozzi, J. Bucalossi, D. Frigione, L. Garzotti, T. Loarer, M.N.A. Beurskens, A. Botrugno, M. Brix, P. Buratti, G. Calabro, R. Cesario, C. Challis, I. Coffey, F. Crisanti, T. Eich, J. Flanagan, C. Giroud, E. Joffrin, M. Kempenaars, E. De La Luna, P. Lang, G. Maddison, C. Mazzotta, F. Orsitto, R. Pasqualotto, V. Pericoli, F. Rimini, O. Tudisco, M. Walsh, S. Wiesen, L. Zabeo	Optimizing performance of hybrid and AT discharges for Iiter like Wall scenario.
P5.162	K.K. Kirov, Yu. Baranov, J. Mailloux, J. Ongena, E. de la Luna, M.-L. Mayoral, M. F. F. Nave	LH Wave Absorption and Current Drive Studies by Application of Modulated LHCD at JET
P5.163	P.T.Lang,A.Alonso,B.Alper,A.Boboc,S.Devaux,T.Eich,R.Felton,D.Frigione,K.Gál,L.Garzotti,A.Geraud,S.Gerassimov,M.Goniche,J.Hillairet,G.Kocsis,R.Koslowski,Y.Liang,T.Loarer,P.J.Lomas,M.Maraschek,H.W.Müller,F.Nave,G.Petravich,G.Saibene,R.Sartori,H.Thomsen,M.Tsalas,M.Valovic,R.Wenninger,JET-EFDA	Pellet fuelling and ELM triggering investigations at JET
P5.164	J. Mailloux, X. Litaudon, P. de Vries, Yu. Baranov, M. Brix, G. Calabro, R. Cesario, C.D. Challis, O. Ford, J. Garcia, C. Giroud, D. Howell, Ph. Jacquet, E. Joffrin, P. Maget, D. C. McDonald, V. Pericoli-Ridolfini, F. Rimini, F. Sartori, M. Schneider, I. Voitsekovitch, L. Zabeo, M. K. Zedda, JET-EFDA contributors	Development of a steady-state scenario in JET with dimensionless parameters approaching ITER target values
P5.165	M. Schneider, J. Garcia, F. Imbeaux, J. Hobirk, P. Buratti, C. Challis, F. Crisanti, J-F Artaud, V. Basiuk, N. Hawkes, T. Hender, I. Jenkins, E. Joffrin, P. Lotte, JET-EFDA contributors	Transport modelling of JET Hybrid discharges with improved confinement
P5.166	V. Petrzilka, G. Corrigan, P. Belo, A. Ekedahl, M. Goniche, P. Jacquet, J. Mailloux, J. Ongena, V. Parail	Scrape-off-layer variations during Lower Hybrid ionization and ELMs
P5.167	Van Eester	Numerical tools for simulating the ITER-like Antenna at JET
P5.167	Van Eester	Numerical tools for simulating the ITER-like Antenna at JET
P5.168	V. Yavorskij, M. Cecconello, C. Challis, V. Goloborod'ko, K. Schoepf	Modelling of neutral deuterium fluxes produced by NBI ions in JET
P5.169	B. Alper, L. Barrera, M. Baruzzo, A. Botrugno, P. Buratti, L. Figini, D.F. Howell, C. Giroud, E. De La Luna, O. Tudisco, JET-EFDA contributors	MHD mode localisation in the JET tokamak

confID	Authors	Title
P5.170	B. Alper, M. Baruzzo, T. Bolzonella, P. Buratti, C.D.Challis, E. de la Luna, P. De Vries, D.F. Howell, E.Joffrin, H.R. Koslowski, G. Sips, O. Tudisco	Sideband generated magnetic islands and magnetic coupling in JET tokamak
P5.171	L. Barrera, E. de la Luna, C. Perez von Thun, E R. Solano, D. Howell , L. Figini , M.N.A. Beurskens , M. Brix, P. Lomas, G. Saibene, F. Sartori, F. Castejon, JET-EFDA contributors	Inboard and outboard Type I ELM dynamics in JET measured by ECE
P5.172	C D Challis, M Baruzo, J Bucalossi, P Buratti, M Brix, G Calabro, R Cesario, F Crisanti, J Ferron, M Gryaznevich, T C Hender, J Hobirk, D Howell, F Imbeaux, I Jenkins, E Joffrin, T Luce, M Murakami, V Pericoli-Ridolfini, P de Vries	Stability and confinement optimisation in the range q_0 1-3 at JET
P5.174	E. de la Luna, F. Sartori, P. Lomas, G. Saibene, T. Eich, G. Arnoux, L. Barrera, M. Beruskens, J. Lonroth, V. Parail, C. Perez von Thun, R. Sartori, E. Solano, L. Zabeo, M. K. Zedda, JET-EFDA contributors	Magnetic ELM triggering using the vertical stabilization controller in JET
P5.175	P.C. de Vries, M.F. Johnson, I. Segui	Statistical Analysis of Disruptions in JET
P5.176	J. P. Graves, I. Chapman, S. Coda, L.-G. Eriksson, T. Johnson, M. Lennholm	Sawtooth control mechanism in JET using off-axis toroidally propagating ICRF
P5.177	J.A. Romero, C. Challis, R. Felton, E. Jachmich, E. Joffrin, F. Piccolo, P. Sartori, A.C.C. Sips, P. de Vries, D. Lopez-Bruna , L. Zabeo	Tokamak Plasma Inductance Control at JET
P5.178	Y.Q.Liu, I.T.Chapman, S.Saarelma, M.P.Gryaznevich, T.C.Hender, D.F.Howell	Modelling of resonant field amplification in JET
P5.179	P. Maget, H. Lutjens, R. Coelho, M. Brix, P. Buratti, R.J. Buttery, N. Hawkes, I. Jenkins, C. Challis, C. Giroud, X. Litaudon, J. Mailloux	Modelling of 2,1 NTM threshold in JET
P5.180	R. Nyqvist, B.N. Breizman, M. Lisak, S.E. Sharapov	Fast ion driven Alfvén eigenmodes within the $q > 1$ radius
P5.181	F.M. Poli, P.T. Lang, S.E. Sharapov, H.R. Koslowski	Comparison between spontaneous ELMs and pellet-triggered events in JET plasmas

confID	Authors	Title
P5.182	E.R. Solano, P.J. Lomas, B. Alper, Y. Andrew, L. Barrera, P. Belo, M. Beurskens, M. Brix, K. Crombe, E. de a Luna, S. Devaux, T. Eich, J. Flanagan, O. Ford, S. Gerasimov, C. Giroud, D. Hartman, D. Howell, A. Huber, G. Huysmans, T. Johnson, M. Kempenaars, A. Korotkov, A. Lopez-Fraguas, J. Lonroth, M.F.F. Nave, V. Parail, C. Pérez Von Thun, E. Rachlew, F. Rimini, S. Saarelma, S. Sharapov, A. Sirinelli, I. Voitsekhovitch, G. Xu, L. Zabeo	Study of High Temperature Pedestals in hot ion H-mode in JET
P5.183	S. Soldatov, A. Fonseca, Y. Liang, J. Fessey, A. Sirinelli, A. Krämer-Flecken, G. Van Oost	Results of reflectometry study on ELM dynamics in JET
P5.184	V.E. Lukash, R.R. Khayrutdinov, M. Sugihara	Validation of halo current model with DINA code against JT-60U disruption shots
P5.185	S.Miyamoto, Y.Nakamura, N.Hayashi, N.Oyama, H.Takenaga, T.Sugie, Y.Kusama, R.Yoshino	Modeling of L-H/H-L Transition in TSC Simulation Using JT-60U Experimental Data
P5.186	M.F.M. De Bock, C. Michael, N.J. Conway, L. Appel, I.T. Chapman, M. Gryaznevich, H. Tojo, M.R. Turnyanskiy	First multi-chord MSE measurements on MAST
P5.187	M.-D. Hua, A.R. Field, L. Garzotti, S.D. Pinches, I.T. Chapman	Comparison of rotation damping by MHD with NTV theory in MAST
P5.188	J. McCone, A.R. Field, P. Carolan, N. J. Conway, S. Newton, M. Wisse	Comparison of measured poloidal rotation in MAST plasmas with neo-classical predictions
P5.189	W. Schneider, M.R. Turnyanskiy, F.V. Chernyshev, T. Richert	Neutral particle diagnostics on MAST
P5.190	P. Tamain, M. Koëan, A. Kirk, G. de Temmerman, J. Gunn, J-Y. Pascal, M. Price	Characterization of Scrape-Off Layer profiles and transport processes in the MAST spherical tokamak
P5.191	D. Temple, H. Meyer, R. Scannell, N.J. Conway	The Radial Electric Field of MAST
P5.192	E.A. Azizov, A.G. Alekseyev, A.V.Vertkov, V.A. Evtikhin, V.B. Lazarev, I.E. Ljublinski, S.V. Mirnov, V.M. Nesterenko, A.V. Parakhnuk, R.R. Khairutdinov	Experiments at the T-11M device in substantiation of the tokamak with Lithium loop cycle
P5.193	S.A.Kamneva, L.N.Khimchenko, B.V.Kuteev, V.P. Budaev	Study of morphology and sorption properties of films from tokamak T-10
P5.194	E.V.Popova, P.V.Savrukhin, V.P.Budaev, D.V.Sarychev	Analysis of the small-scale plasma oscillations in the T-10 tokamak
P5.195	P.V.Savrukhin, E.V.Popova, A.V.Sushkov, L.N.Khimchenko, P.D.Ivanov, D.E.Kravtsov	Control of the nonthermal electrons and current collapse at the density limit disruption in the T-10 tokamak
P5.196	N.Timchenko, V.Vershkov, V.Karakcheev, S. Krasnjanskii, V. Krupin, D.Shelukhin, V.Merejkin, D.Sarichev, A.Gorshkov, I. Belbas	Experimental study of particles and heat transport in T-10 Ohmic plasmas

confID	Authors	Title
P5.197	D.Borodin,A.Kirschner,A.Kreter,V.Philipps,R.Doerner,D.Nishijima,A.W hiteford,H.Summers,M.O'Mullane,I.Beigman,L.Vainshtein	Modelling of Be transport in PISCES-B including metastable states
P5.198	M. Cercek, T. Gyergyek, G. Filipic, C. Ionita, R. Schrittwieser	Influence of Different Energy Populations of Electrons on Fulcher Band Spectra in Hydrogen Plasma
P5.199	V.E.Moiseenko, P.Ya.Burchenko, V.V.Chechkin, L.I.Grigor'eva, D.Hartmann, R Koch, A.V.Losin, A.I.Lysoivan, A.N.Shapoval, O.M.Shvets, V.I.Tereshin, E.D.Volkov	Wall Conditioning RF Discharges in Uragan-2M Torsatron
P5.200	Y.D.Pan , Z.Cao, J.H.Zhang	HL-2M pumping system and pumping speed estimation
P5.201	V. Fuchs, J. P. Gunn, V. Petržílka, A. Ekedahl, M. Goniche, J. Hillairet	A note on the radial extent of lower hybrid wave - tokamak scrape-off layer interaction
P5.202	V.Vekselman,D.Yarmolich,J.Z.Gleizer,J.Felsteiner,Ya.E.Krasik	LIF characterization of the Hollow Anode plasma ions
P5.203	J. Westerhout, D. Borodin, S. Brezinsek, M.H.J. 't Hoen, A.E. Shumack, J. Rapp, N.J. Lopes Cardozo, G.J. van Rooij	Erosion of carbon materials at high ion fluxes in Pilot-PSI A comparison between gross and net carbon erosion
P5.204	G.M. Wright, R.S. Al, E. Alves, L.C. Alves, N.P. Barradas, A.W. Kleyn, N.J. Lopes Cardozo, M. Mayer, H.J. van der Meiden, M.J. van de Pol, G.J. van Rooij, A.E. Shumack, W.A.J. Vijvers, J. Westerhout, J. Rapp	Hydrogenic Retention of High-Z Refractory Metals Exposed to ITER Divertor Relevant Ion Fluxes
P5.205	A.B.Altukhov, L.A.Esipov, A.D.Gurchenko, E.Z.Gusakov, A.Yu.Stepanov	Investigation of small-scale magnetic turbulence by correlative UHR cross-polarization scattering approach at FT-2 tokamak
P5.207	A.D.Gurchenko, E.Z.Gusakov, A.B.Altukhov, A.Yu.Stepanov, D.V.Kouprienko, M.Y.Kantor, L.A.Esipov, S.I.Lashkul	Implementation of Doppler UHR backscattering technique for investigation of the poloidal plasma velocity oscillations in the FT-2 tokamak
P5.208	C. Hellesen, E. Andersson Sundén, S. Conroy, G. Ericsson, M. Gatu Johnson, G. Gorini, T. Johnson, V.G. Kiptily, S. D. Pinches, S. E. Sharapov, H. Sjöstrand, M. Tardocchi, M. Weiszflog	Theoretical predictions and measurements of fast ion distributions from 3rd harmonic ICRF heating
P5.209	D. Irají, I. Furno, A. Fasoli, B. Labit, G. Plyushchev	Fast visible imaging of turbulent plasmas in TORPEX using gas puffing
P5.210	P. Ivanova, Tsv. K. Popov	Electron Langmuir Probe Current in Tokamak Edge Plasma
P5.211	S.Kalvin, G.Anda, D.Dunai, G. Petravich, S.Zoletnik, G.Pokol, I.Pusztai, B.Schweer	Reconstruction of plasma edge density profile from lithium beam data using statistical analysis
P5.212	O. Marchuk, E. Delabie, G. Bertschinger, W. Biel, R Jaspers, M. von Hellermann	Influence of collisions on the emission of neutral beams

confID	Authors	Title
P5.213	S.Oldenbürger,F.Brochard,M.Nepal,G.Bonhomme	Study of nonlinear mode couplings in a magnetized plasma column. Benefits of fast camera imaging
P5.214	S.N. Tugarinov, M.B. Kadomtsev, M.G. Levashova, V.S. Lisitsa, N.N. Nagel	nl-Kinetics in H-like Impurity Ions Populated by Diagnostic Neutral Beam Charge-Exchange
D1.001	<u>M. Masek</u> and K. Rohlena	Raman scattering from a laser plasma with enhanced collisions
D2.002	<u>Marc Rabec le Gloahec</u> , Anne-Marie Sautivet	Overview of the LULI2000 laser and experimental facility: an unique facility combining ns & ps pulses for high energy density physics
D5.001	Pierre Morel	Filtered Gyro-kinetic Simulations: an attempt to reduce computational costs