

Poster	Topic	Name	Affiliation	Presentation title
P1S1-1	1	Wilcox R.S.	ORNL	3D magnetic geometric effects during RMP application and comparison to measurements in DIII-D
P1S1-2	1	Martitsch A.F.	TU Graz	Effect of 3D magnetic perturbations on the plasma rotation in tokamaks
P1S1-2b	1	Albert, C.G.	TU Graz	Toroidal torque in resonant transport regimes of tokamak plasmas with perturbed axisymmetry within Hamiltonian theory
P1S1-3	1	Ohdachi S.	NIFS	Effect of the RMP on the ELM-like activities observed in the high-beta H-mode of LHD
P1S1-4	1	Scarin P.	Consorzio RFX	3D topology of RFX-mod edge
P1S1-5	1	Cianciosa M.	ORNL	3D Equilibrium Reconstruction for H-mode Tokamaks
P1S1-6	1	Cooper W.A.	EPFL	The tokamak: a frustrated stellarator
P1S1-7	1	Andreeva T.	IPP-Greifswald	Influence of the Trim Coils Operation on Wendelstein 7-X Magnetic Field
P1S1-8	1	Lazerson S.A.	PPPL	Error field detection and correction on W7-X
P1S1-9	1	Nührenberg C.	IPP-Greifswald	Free-boundary Ideal MHD Stability of W7-X Divertor Equilibria
P1S1-10	1	Effenberg F.	Univ. Wisconsin-M	Modeling of limiter heat loads and impurity transport in Wendelstein 7-X startup plasmas
P1S1-11	1	Peraza-Rodriguez H.	Univ. Carlos III	Development of a free-boundary version of SIESTA: application to the Wendelstein 7-X stellarator
P1S1-12	1	Loizu J.	Max-Planck/ Princeton	A novel solution for the computation of three-dimensional ideal-MHD equilibria with current sheets at resonant surfaces
P1S1-13	1	Weitzner H.	New York Univ.	Expansion of Non-Symmetric Toroidal Ideal MHD Equilibria About a Magnetic Axis
P1S1-14	1	Hartwell G.J.	Auburn Univ.	Modeling of Island Divertor Plates in the Compact Toroidal Hybrid
P1S1-15	1	Garland S.	Univ Stuttgart	Effect of magnetic field geometry on blob structure and dynamics in TJ-K
P1S1-16	1	Hudson S.R.	PPPL	An examination of the chaotic magnetic field near the separatrix of magnetically confined plasmas
P1S1-17	1	Hanson J.D.	Auburn Univ.	Advances in 3-D Equilibrium Reconstruction using V3FIT
P1S1-18	1	Drevlak M.	IPP-Greifswald	Free-boundary equilibria for stellarator configurations given by their boundary geometry
P1S1-19	1	Bonfiglio D.	Consorzio RFX	3D MHD simulations of stellarator plasmas with SPECYL and PIXIE3D codes
P1S1-20	1	Hammond K.C.	Columbia Univ.	Experimental characterization and equilibrium reconstructions of first electron cyclotron heated plasmas in the low-aspect-ratio CNT stellarator
P1S1-21	1	Äkäslompolo S.	Aalto Univ.	First W7-X simulations with the fast ion orbit following code ASCOT
P1S1-22	1	Gogoleva A.	Univ. Carlos III	Monte Carlo estimations of fast particle transport in quasi-symmetric devices
P1S1-PD1	1	Wurden, G.A.	LANL	Visible/IR Observations of the Poloidal Limiter in W7-X
P1S2-23	2	Murakami S.	Kyoto Univ.	Simulation Study of the Deuterium Experiment Plasma of LHD by TASK3D and GNET
P1S2-24	2	Toda S.	NIFS	Progress in applying gyrokinetic heat diffusivity model to transport simulations for helical plasmas
P1S2-25	2	Nunami M.	NIFS	Profile sensitivity of turbulent transport in LHD plasmas
P1S2-26	2	Ishizawa A.	NIFS	Gyrokinetic analysis of turbulent particle and heat transport in low- and high-Ti phases in a discharge of LHD
P1S2-27	2	Riemann J.	IPP-Greifswald	Effects of Radial Electric Fields on Linear ITG Instabilities in W7-X and LHD
P1S2-28	2	Shanahan B.W.	Univ. York	Magnetic null point modelling in BOUT++
P1S2-29	2	Peřka G.	IPPLM	Preliminary Findif calculations for limiter W-7X configuration
P1S3-30	3	Ascasibar E.	CIEMAT	On the effect of localized electron cyclotron heating on NBI-driven Alfvén Eigenmodes in TJ-II
P1S3-31	3	Sun B.J.	CIEMAT	Low frequency modes associated to magnetic islands in TJ-II stellarator
P1S3-32	3	Fontdecaba J.M.	CIEMAT	Studies of fast ion confinement in TJ-II in the presence of Alfvén waves
P1S3-33	3	Cole M.D.J.	IPP-Greifswald	Electromagnetic gyrokinetic simulations of Alfvén eigenmodes in stellarators
P1S3-34	3	Toi K.	NIFS	MHD Stability of Edge Region of H-Mode Plasmas in LHD
P1S3-35	3	Takemura Y.	NIFS	Estimation of internal structure of resistive interchange instability in LHD experiment
P1S3-36	3	Tsuchiya H.	NIFS	Visualization of low Coherent Fluctuation of Long Pulse Discharge Experiment in LHD
P1S4-37	4	Baldzuhn, J.	IPP-Greifswald	Numerical Simulation of the Active Beam Spectroscopy on W7-X
P1S4-38	4	Dinklage A.	IPP-Greifswald	Wendelstein 7-X in the European Roadmap to Fusion Electricity
P1S4-39	4	Cui Z.Y.	SWIP	Experimental study of impurity transport in SOL region of HL-2A tokamak based on VUV spectroscopy and its numerical analysis with EMC3-EIRENE
P1S4-40	4	Ida K.	NIFS	Helium screening by the edge stochastic layer at the X-point in LHD
P1S4-41	4	Oishi T.	NIFS	Observation of carbon impurity flows in the ergodic layer of LHD using a space-resolved 3 m normal incidence VUV spectrometer
P1S4-42	4	Mollen A.	Chalmers Univ. Tech.	Impurities in a non-axisymmetric plasma: transport and effect on bootstrap current
P1S4-43	4	McCarthy K.J.	CIEMAT	Comparative Study of Pellet Fuelling in 3-D Magnetically Confined Plasma Devices
P1S4-44	4	Velasco J.L.	CIEMAT	Perturbative particle transport experiments with pellet injection
P1S4-45	4	Zhang D.	IPP-Greifswald	Evaluation of neoclassical impurity transport coefficients at W7-X
P1S4-46	4	Hirsch M.	IPP-Greifswald	ECE diagnostic for Wendelstein 7-X
P1S4-47	4	Denner P.	Jülich	Endoscope diagnostic for tomography, spectroscopy and thermography on Wendelstein 7-X
P1S4-48	4	Langenberg A.	IPP-Greifswald	Prospects of X-ray Imaging Spectrometer for Impurity Diagnostic at W7-X
P1S4-49	4	Ryć L.	IPPLM	Soft X-ray diagnostics for W7-X designed by IPPLM
P1S5-50	5	Kazakov Ye.O.	LPP-ERM/KMS	ICRH as a Dedicated Fast-Ion Source for W7-X
P1S5-51	5	Bozhenkov S.A.	IPP-Greifswald	Bayesian model for temperature and density evaluation from W7-X Thomson scattering
P1S5-52	5	Vargas V.I.	Instituto Tecnológico de Costa Rica	Construction, Commissioning and first Results of the Costa Rican Stellarator SCR-1
P1S6-53	6	Neilson G.H.	PPPL	Overview of the U.S. Wendelstein 7-X Program
P1S6-54	6	Andruczyk D.	Univ. Illinois	Current Status of the Hybrid Illinois Device for Research & Applications (HIDRA)
P1S6-55	6	Tarasov I.K.	Kharkov	Control of runaway electron flows in torsatrons Uragan-2M and Uragan-3M
P1S6-56	6	Geiger J.	IPP-Greifswald	Plasma effects on separatrix-limited configurations of W7-X