Poster	Topic	Name	Affiliation	Presentation title
P2S1-1	1	Hidalgo C.	CIEMAT	Isotope effect physics, turbulence and long-range correlation studies in tokamaks and stellarators
P2S1-2	1	Losada U.	CIEMAT	Interplay between long-scale length radial electric field components and zonal flow-like structures in the TJ-II stellarator
P2S1-3	1	Plunk G.G.	IPP-Greifswald	On the nonlinear generation of zonal flows by turbulence in stellarators
P2S1-4	1	Sugama H.	NIFS	Radially local approximation of the drift kinetic equation in the conservative form
P2S1-5	1	Landreman M.	Univ. Maryland	SFINCS: A flexible tool for advanced stellarator neoclassical computations
P2S1-6	1	Smith H.M.	IPP-Greifswald	Calculation of the toroidal torque due to non-axisymmetric magnetic field perturbations in a tokamak with the SFINCS code
P2S1-7	1	Matsuoka S.	RIST	Effect of magnetic drift tangential to flux surface on local neoclassical transport in non-axisymmetric plasmas
P2S1-8	1	Huang B.	SOKENDAI, NIFS	Comparison of bootstrap current calculation in helical plasmas among different types of approximations in drift-kinetic equation
P2S1-9	1	Mishchenko A.	IPP-Greifswald	Calculations of Bootstrap and Pfirsch-Schlüter currents in stellarator geometry
P2S1-10	1	Ware A.S.	Univ. Montana	Magnetic islands, bootstrap current and 3D MHD modeling of W7-X
P2S1-11	1	Laqua H.P.	IPP-Greifswald	Plasma Start-up and Wall Conditioning with ECRH in Wendelstein 7-X
P2S1-12	1	Marsen S.	IPP-Greifswald	First results from protective ECRH diagnostics in W7-X
P2S1-13	1	Nagasaki K.	Kyoto Univ.	3D Magnetic Field Effect on ECRH/ECCD in Helical Systems
P2S1-14	1	Faustin J.M.	EPFL, CRPP	Self-consistent ICRH modelling in Wendelstein 7-X plasmas
P2S1-15	1	Sakakibara S.	NIFS	Recent Progress of High-beta Experiments in LHD
P2S1-16	1	Narushima Y.	NIFS	Spontaneous healing of magnetic islands in the LHD by plasma flow
P2S1-17	1	Ennis D.A.	Auburn Univ.	Implementation of a Coherence Imaging Diagnostic for the Compact Toroidal Hybrid
P2S1-18	1	Gradic D.	IPP-Greifswald	Doppler Coherence Imaging of Ion Dynamics in VINETA II
P2S1-19	1	Shimizu A.	NIFS	Recent development of 2D potential measurement with heavy ion beam probe on the Large Helical Device
P2S1-20	1	Volpe F.A.	Columbia Univ.	Generation of rotational transform in a tilted-coil solenoid-free “tokamak”
P2S1-21	1	Okamura S.	NIFS	Optimization of heliotron-type magnetic configuration with modular coils and helical coils
P2S1-22	1	Gates D.A.	PPPL	Recent Advances in Stellarator Optimization
P2S1-23	1	Mikhailov M.I.	Kurchatov	Approximate Quasi-Isodynamicity at Finite Aspect Ratio in a Stellarator Vacuum Magnetic Field
P2S1-24	1	Paschkowski N.	IPP-Greifswald	Mini-Stellarator for public outreach
P2S1-PD1	1	Reiman, A.H.	PPPL	Effects of Weak Pressure Gradients along Magnetic Field Lines, and of Stellarator Symmetry, in Plasma Equilibria with Magnetic Islands
P2S2-25	2	Blanco E.	CIEMAT	Doppler Reflectometry for the first plasmas of W7-X
P2S2-26	2	Grekov D.	Kharkov	Measurements of plasma density in Uragan-2M torsatron using dual-polarization interferometry
P2S2-27	2	Demers D.R.	Xantho Technologies	Conceptual Design of a Heavy Ion Beam Probe for W7-X
P2S2-28	2	Edlund E.M.	MIT	Design of a phase contrast imaging diagnostic for Wendelstein 7-X
P2S2-29	2	Krämer-Flecken A.	Jülich	Study of turbulence rotation and local ι using Correlation Reflectometry at W7-X
P2S2-30	2	Weir G.M.	Kyoto Univ.	Fluctuation measurements through correlation radiometry and reflectometry on Heliotron J
P2S2-31	2	Stoneking M.R.	Lawrence Univ.	Plans to Use Thomson Scattering to Resolve Centimeter-scale Fluctuations and Electron Pressure Gradients near the Last Closed Flux Surface in the W7-X Stellarator
P2S2-32	2	Shchepetov S.V.	A.M.Prokhorov GPI	Review of biennial stellarator activity in A.M. Prokhorov General Physics Institute
P2S2-33	2	Shchepetov S.V.	A.M.Prokhorov GPI	Peeling mode stability/instability condition for Mercier stable magnetic hill configuration
P2S1-34	1	Shchepetov S.V.	Prokhorov GPI	On the origin of negative current induced axially symmetric oscillations detected in L-2M stellarator experiments
P2S3-35	3	Hartmann D.A.	IPP-Greifswald	Current Status of the Neutral Beam Injection System of W7-X
P2S3-36	3	Okada H.	Kyoto Univ.	Magnetic Field Optimization Study for Fast Ions Generated by ICRF Heating in Heliotron J
P2S3-37	3	Seki R.	NIFS	Effect of shape of resonance layer on acceleration process of ICRF minority ion in LHD
P2S3-38	3	Hada K.	Kyoto Univ.	Model Analysis of Plasma Start-Up by NBI with assistance of 2.45 GHz Microwaves in Heliotron J
P2S3-39	3	Kapper G.	TU Graz	Impact of finite collisionality effects on electron cyclotron current drive in stellarators
P2S3-40	3	Munaretto S.	Univ. Wisconsin-Madison	Control and Reconstruction of 3D equilibria in the MST RFP
P2S3-41	3	Könies A.	IPP-Greifswald	CKA-EUTERPE: A kinetic MHD model for nonlinear wave particle interaction
P2S3-42	3	Kolesnichenko Ya. I.	institute for Nuclear Res.	Global m=n modes and their destabilization in forthcoming NBI experiments on Wendelstein 7-X
P2S3-43	3	Blackwell B.	ANU	Fluctuations in the Alfvén Range of Frequencies in the H-1NF Heliac
P2S4-44	4	Moiseenko V.E.	Kharkiv	Assessing short-wavelength Alfvén resonance heating in H-1 heliac
P2S5-45	5	Moiseenko V.E.	Kharkiv	Progress in development of stellarator-mirror fission-fusion hybrid concept
P2S3-46	3	Ichiguchi K.	NIFS	Three-dimensional numerical analysis of shear flow effects on MHD stability in LHD plasmas

P2S3-47	3	Nicolas T.	NIFS	Bifurcation of the interchange mode growth rate and rotation frequency due to the perpendicular heat conductivity in stellarator plasmas
P2S3-48	3	Bolgert P.	PPPL	Optimizing Stellarators for Energetic Particle Cofinement using BEAMS3D
P2S3-49	3	Yokoyama M.	NIFS	Further Extensions of Development of Integrated Transport Analysis Suite, TASK3D-a, and Applications to LHD Experiment
P2S3-PD2	3	Kasilov, S.V.	TU Graz	Real space and flux coordinate calculations of fast particle losses in the optimized stellarator
P2S4-50	4	Stephey L.A.	Univ. Wisconsin-Madison	Neutral particle source and particle balance in the HSX edge
P2S4-51	4	Wenzel U.	IPP-Greifswald	On the neutral behavior under detachment conditions in W7-AS and W7-X
P2S4-52	4	Volpe F.A.	Columbia Univ.	Stellarators sources of ions for accelerators -symplectic calculations of ion losses
P2S4-53	4	Sano R.	NIFS	Evolution of radiation structure by three dimensional measurement during radiation collapse in LHD
P2S5-54	5	Drevlak M.	IPP-Greifswald	Stellarator Optimisation with ROSE
P2S5-55	5	Warmer F.	IPP-Greifswald	Options for an Intermediate-Step burning-plasma Stellarator
P2S3-56	3	Nagaoka K.	NIFS	Wave-particle interaction analyser for study of Alfven eigenmodes in the Large Helical Device