Poster Session II ~ 4:00 to 6:00pm ~ Monday, April 23, 2018
Room Location: Grand Ballroom 1/2

Poster #	Author	Title
P2.001	Edward Thomas	Dust in fusion plasmas: Insights from the Magnetized Dusty Plasma Experiment
P2.002	Andrew Ware	Computational modelling of quasi-single helicity states in an RFP
P2.003	Caoxiang Zhu	Hessian matrix approach for determining error field sensitivity to coil deviations
P2.004	Paolo Ricci	New insights on SOL plasma turbulence
P2.005	Gabriele Merlo	Towards a first-principles-based Whole Device Model for fusion plasmas
P2.006	Will Sutherland	Optimizing a Quasi-helically Symmetric Stellarator
P2.007	Torrin Bechtel	Finite Parallel Transport on Stochastic Fieldlines Changes Global Stellarator Beta
P2.008	Alessandro Cardinali	Dynamical quasi-linear absorption of RF in presence of α-particles and NBI in tokamak reactor
P2.009	Renato Gatto	Magnetic Reconnection Sustained by the Thermonuclear Heating of the Electron Population
P2.010	George Wilkie	Asymptotic reduced models for the interaction of energetic particles and microturbulence
P2.011	Jungpyo Lee	A similarity relation between RF wave systems in tokamaks
P2.012	Ane Lasa	Multi-physics modeling of the evolution of surfaces exposed to steady-state plasmas
P2.013	Dmitrii Kiramov	Plasma current profile force-free evolution in a tokamak during the current quench
P2.014	Richard King	2D Multi-fluid Neoclassical Computer Simulation of Core Rotation for Axisymmetric Plasma
P2.015	Eero Hirvijoki	Finite-dimensional Vlasov-Maxwell-Landau system for computer simulations
P2.016	Miura Hideaki	Two-fluid simulations of edge-plasma interchange/tearing instabilities in 2D slab
P2.017	Chris Hegna	Using turbulent saturation physics to optimize stellarator confinement
P2.018	Mike Martin	The Parallel Boundary Condition for Turbulence Simulations in Low Magnetic Shear Devices
P2.019	Jeffrey Heninger	An integral transform technique for gyrokinetics
P2.020	Andrew Cole	Regimes of tearing modes with parallel dynamics having real frequencies
P2.021	Alessandro Geraldini	Kinetic treatment of ions at the plasma-wall boundary
P2.022	Shikui Cheng	Effects of toroidal flow direction and plasma density on edge localized modes in tokamaks
P2.023	Robert Hager	Verification of fluid type electromagnetic modes with a gyrokinetic-fluid hybrid model in the XGC code
P2.024	Dmitri Ryutov	Interesting divertor configurations created with remote poloidal field coils
P2.025	Hongxuan Zhu	Wave kinetics of drift-wave turbulence and zonal flows beyond the ray approximation
P2.026	Jeffrey Freidberg	Tokamak reactor design for plasma physicists

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P2.027	Joshua Burby	A gyrokinetic slow manifold
P2.028	Maxwell Hill	An Extension of the Miller Flux Surface Model to Include the X-Point Region
P2.029	Thomas Jenkins	Vorpal Modeling of Fusion-Relevant RF Processes in the Scrape-off Layer
P2.030	Stuart Loch	Generalized collisional-radiative coefficients for neutral W, Mo, and Ne for use in impurity transport modeling
P2.031	Bamandas Basu	Endogenous Magnetic Reconnection and Associated Processes of Relevance to Fusion Burning Plasmas
P2.032	Eric Howell	Development of a Non-Parametric Gaussian Process Model in V3FIT
P2.033	Yang Chen	Zonal structures and the nonlinear saturation of Toroidal Alfvén Eigenmodes
P2.034	Scott Kruger	Low Frequency Limits of Maxwell's Equations and Plasma Physics
P2.035	Tonatiuh Sanchez-Vizuet	Hybridizable Discontinuous Galerkin tools for the Grad-Shafranov equation
P2.036	Qingjiang Pan	Full-f version of GENE for turbulence in open-field-line systems
P2.037	Christopher Smiet	Self-organizing knots in plasma