

**Poster Session II ~ 4:00 to 6:00pm ~ Monday, April 4, 2016****Room Location: Wisconsin/Capitol A Ballrooms**

<b>Poster #</b>	<b>Author</b>	<b>Title</b>
P2.001	Eddy Carmack	The Big New Arctic: The Non-Linear Future Has Arrived
P2.002	Robert Dewar	Spectrum of multi-region-relaxed magnetohydrodynamic modes in slab geometry
P2.003	Jugal Chowdhury	Gyrokinetic Delta-f Particle Simulation of Microtearing Turbulence
P2.004	Benjamin Faber	Nonlinear coherent structures from linearly stable modes in stellarator TEM turbulence
P2.005	Paul Terry	Large-Scale Sinks in Saturation Scalings of ITG Turbulence
P2.006	Young-Dae Jung	Influence of Dupree diffusivity on the occurrence scattering time in a turbulent plasma
P2.007	Jae Heon Ahn	Transport of heavy impurities in sawtoothed plasmas
P2.008	John Finn	Simple model for toroidal coupling of tearing modes, including the presence of rotation shear
P2.009	Jian Bao	Nonlinear particle simulation of radio frequency wave in tokamak
P2.010	David Hatch	Gyrokinetic Simulations of the JET-ILW Pedestal
P2.011	Mikhail Dorf	Continuum Kinetic Modeling of the Tokamak Plasma Edge with the COGENT code
P2.012	Nathaniel Ferraro	M3D-C1 Modeling of Disruptive Instabilities
P2.013	L.J. Zheng	Effects of charge and current discontinuities on tokamak edge stability
P2.014	Wendell Horton	RF Wave Propagation and Scattering in Turbulent Tokamak Plasmas
P2.015	Bruno Coppi	Magneto-thermal Reconnection Processes, Related Angular Momentum Transport issues and Formation of High Energy Particle Population
P2.016	Istvan Pusztai	Turbulent transport of MeV range cyclotron heated minorities as compared to alpha particles
P2.017	Cheonho Bae	An investigation on the plasma conditions for complete gyroviscous cancellation
P2.018	Bamandas Basu	Angular Momentum Associated with Modes Involving Magneto-thermal Reconnection
P2.019	Guido Belforte	Confinement Scalings, Compact High Field Experiments on Fusion Burning Plasmas and Relevant Superconducting Technology
P2.020	Alessandro Cardinali	Tridimensional Thermonuclear Instability in Subignited Plasmas
P2.021	Antoine Cerfon	A fast, high order accurate solver for Taylor states in general toroidal geometries
P2.022	Xianzhu Tang	Bohm criterion in a warm-ion plasma
P2.023	Richard Fitzpatrick	An Improved Neoclassical Drift-Magnetohydrodynamical Fluid Model of Helical Magnetic Island Equilibria in Tokamak Plasmas

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P2.024	Ben Zhu	Global study of turbulent transport in the tokamak edge region
P2.025	Stephen Jardin	Progress on Resistive MHD Code Verification Problems with M3D-C1
P2.026	Aaron Bader	HSX as an example of a "non-resonant" divertor
P2.027	Luca Guazzotto	A Multi-Fluid Ignition Analysis
P2.028	Allen Boozer	Loss of relativistic electrons when magnetic surfaces are broken
P2.029	Michael Halfmoon	Effects of Shear on Energetic Ion Interactions with Tearing Modes
P2.030	Valerie Izzo	Mitigation modeling of locked-mode disruptions
P2.031	Calvin Lau	Electrostatic Drift-wave Instability in the Field-Reversed Configuration
P2.032	Sam Taimourzadeh	Gyrokinetic Simulations of RMP effects on DIII-D edge Turbulence
P2.033	Samuel Lazerson	The QUASAR experiment as a facility to test ITG turbulence
P2.034	Christopher Flint	Entropic Lattice Boltzmann Simulations of the Tearing instability, the Kelvin-Helmholtz instability and magnetic reconnection
P2.035	Armen Oganegov	Unitary qubit lattice algorithm for the Kelvin-Helmholtz instability
P2.036	Joshua Sauppe	Three-Dimensional PIC and Fluid Simulations of Magnetic Reconnection in the Fadeev Equilibrium
P2.037	Yao Zhou	Topologically constrained equilibration of the ideal coalescence instability
P2.038	Wrick Sengupta	Sub-Alfvenic reduced full-f Kinetic MHD equations to study flute like instabilities
P2.039	Florian Effenberg	3-D Modeling of Edge Transport and Plasma Surface Interaction for Wendelstein 7-X Startup Plasmas