Poster Session I ~ 1:30 to 3:30pm ~ Monday, April 4, 2016
Room Location: Wisconsin/Capitol A Ballrooms

Poster #	Author	Title
P1.001	David Anderson	The Role of Theory and Computation in Advancement of the Stellarator Concept
P1.002	Fatima Ebrahimi	Physics of plasmoid-mediated reconnection and flux closure in simulations of Coaxial Helicity Injection
P1.003	Stuart Hudson	Penetration and amplification of resonant perturbations in 3D ideal-MHD equilibria
P1.004	Andrew Cole	Error field penetration and locking to the backward wave
P1.005	Jacob King	Nonlinear NIMROD modeling of DIII-D QH-mode discharges with broadband-MHD turbulence
P1.006	James Callen	Forced Magnetic Reconnection In Tokamak Plasmas
P1.007	Matthew Beidler	Forced Magnetic Reconnection Modeling with NIMROD
P1.008	Andrea Becerra	Computing theoretical beta limits for RWM stability of NSTX equilibria using NIMROD
P1.009	Eric Held	Energetic particle physics in NIMROD using a continuum approach
P1.010	Nicholas Roberds	Simulations of Sawtoothing in CTH Using NIMROD
P1.011	Kyle Bunkers	Simulations of Nonlinear External Kinks for Disruption Studies with NIMROD
P1.012	Diego del-Castillo-Negrete	Modulated heat pulse propagation and partial transport barriers in chaotic magnetic fields
P1.013	Alain Brizard	Equivalent Higher-order Guiding-center Hamiltonian Theories
P1.014	Andris Dimits	Efficient Implicit Coupling of Fluid-Plasma and Monte-Carlo-Neutral Models for Edge Plasma Transport
P1.015	Bhimsen Shivamoggi	Generalized Magnetic Helicity in Electron MHD
P1.016	Jeffrey Freidberg	Cheap Fusion
P1.017	Chris Hegna	The effect of sheared toroidal rotation on magnetic islands in toroidal plasmas
P1.018	Francois Waelbroeck	Conservative discontinuous Galerkin discretizations of the 2D incompressible Euler equation
P1.019	Meng Li	Numerical implementation of action angle variables for guiding center motion
P1.020	Matt Landreman	Efficient magnetic fields for supporting toroidal plasmas
P1.021	Silvia Espinosa	Effect of radial impurity flow on pedestal poloidal variation
P1.022	Garth Whelan	Wavenumber-resolved energy transfer involving zonal flows in ITG turbulence
P1.023	Alexander Wurm	Using Action principles to include gyroviscous-like contributions in 3D-MHD models
P1.024	Ping Zhu	Linear and Nonlinear Plasma Responses to RMPs in Tokamak Edge Pedestal Region

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P1.025	Harold Weitzner	Expansion of a non-symmetric toroidal ideal MHD equilibrium about a magnetic axis- toroidal curvature effects
P1.026	Dylan Brennan	A reduced model of differential flow effects on stability and penetration of coupled toroidal modes
P1.027	Salomon Janhunen	Mixed finite-element/finite difference method for toroidal field-aligned elliptic electromagnetic equation
P1.028	Carl Sovinec	Computational enhancements of the NIMEQ Grad-Shafranov solver
P1.029	John O'Bryan	Numerical investigation and optimization of multi-pulse CHI spheromak performance
P1.030	Myoung-Jae Lee	Influence of nonthermal Dupree diffusivity and plasma shielding on atomic collisions in a turbulent plasmas
P1.031	Torrin Bechtel	High-beta extended MHD simulations of stellarators
P1.032	Zach Williams	Rapid Reinforcement of an Imposed Island in Gyrokinetics
P1.033	Jeremy Lore	Simulating the effect of 3D fields on detachment in NSTX using EMC3-EIRENE
P1.034	Ryan White	Tearing Layer Stability with Sheared Toroidal Rotation
P1.035	Adrian Fraser	Role of Stable Eigenmodes in Kelvin-Helmholtz Instability Saturation
P1.036	Lise-Marie Imbert-Gerard	Fast and accurate numerical simulation of O-mode propagation in the cold plasma model
P1.037	Cesare Tronci	Variational approaches to the guiding-center Vlasov-Maxwell equations
P1.038	Yaqi Liu	Nonlinear interaction between BAE and BAAE
P1.039	Zz Riford	Progress in Numerical Modeling of Non-Inductive Start-Up of the Pegasus Spherical Tokamak
P1.040	Phil Morrison	Hamiltonian and topological structures of extended magnetohydrodynamics