

Poster Session #1 ~ 3:00-6:00 PM ~ Tuesday, February 16, 2010

Poster #	Author	Title
P1.001	Thomas Simonen	High Beta Experiments in the GDT Axi-symmetric Magnetic Mirror
P1.002	Dmitri Ryutov	Axisymmetric Mirror as a Driver for a Fusion-Fission Hybrid: Physics Issues
P1.003	Wendell Horton	Parameter Optimization Studies for a Tandem Mirror Neutron Source
P1.004	Catalin Teodorescu	Experimental evidence of MHD plasma centrifugal confinement in a shaped open magnetic field configuration
P1.005	William Young	The Diamagnetism of Rotating Plasmas in Shaped Magnetic Fields
P1.006	Darren Garnier	Overview of the Levitated Dipole Experiment
P1.007	Haruhiko Saitoh	Overview of the recent results of the RT-1 magnetospheric experiment with a levitated superconducting coil
P1.008	Michel Laberge	Progress report on the acoustically driven MTF experiment at General Fusion Inc.
P1.009	Tom Intrator	Does Sweet-Parker reconnection occur in Field Reversed Configurations?
P1.010	Bruno Bauer	Aluminum plasma formation and evolution as expected from magneto-inertial fusion surfaces pulsed by multi-megagauss field*
P1.011	Arthur Molvik	Axisymmetric tandem mirrors for fusion energy
P1.012	Samuel Andreason	Upgrade of the Pulsed High Density FRC Experiment for FRC Merging and Compression Studies
P1.013	Derek Baver	Conceptual design of an energy recovering divertor
P1.014	Elena Belova	Two-fluid mechanism of plasma rotation in field-reversed configuration
P1.015	Mike Brown	Charge and mass-dependence of ion heating in merged CT plasmas
P1.016	S. Cohen	Infrastructure Upgrades to the PFRC Facility
P1.017	Gian Luca Delzanno	Transport and linear stability studies for PPCD optimization in RFPs
P1.018	James Grossnickle	Overview of the TCS-Upgrade device
P1.019	Katherine Velas	Measurement of Plasma Dynamics in the TCSU RMF Current Drive Experiment
P1.020	Raymond Golingo	Initial Electron Temperature Measurements on TCSU
P1.021	Ammar Hakim	Unified numerical methods for solving moment equations for fast MHD simulations
P1.022	Robert Horton	Beat-wave Seeding of Magnetic Field in an Accelerated Compact Toroid
P1.023	Jay Kesner	The Levitated Dipole Experiment: Experiment and Theory
P1.024	Matthew Davis	Soft X-ray Spectrum Measurements on the Levitated Dipole Experiment (LDX)
P1.025	Paul Woskov	28 GHz Gyrotron ECRH on LDX
P1.026	M. Worstell	Modifying Interchange Turbulence through the Application of Rotating Electrostatic Perturbations to a Dipole Confined Plasma
P1.027	Aaron Senter	New probe array for edge radial transport measurement in the Collisionless Terrella Experiment
P1.028	Yongho Kim	Space-charge Neutralization for Improved IEC-POPS Operation
P1.029	Sean Knecht	Density Profile Evolution in the ZaP Flow Z-Pinch
P1.030	Stephen Knowlton	Disruption avoidance in the current-carrying CTH torsatron
P1.031	Benjamin Stevenson	Reconstruction of current-driven equilibria in the Compact Toroidal Hybrid using magnetic diagnostics

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P1.032	Animesh Kuley	Parametric upconversion of lower hybrid wave by runaway electrons in tokamak
P1.033	Santhosh Kumar	Observation of hollow impurity density profiles in MST
P1.034	Eric Lerner	pB11 Fusion with the Dense Plasma Focus
P1.035	Adam Light	Latest Results from the Colorado FRC Experiment
P1.036	John Loverich	Plasma Jet Modeling and Algorithm Development
P1.037	David Maurer	Control and measurement of 3D edge magnetic field structures on HBT-EP
P1.038	Hutch Neilson	Advancement of Stellarator Improvement Goals Through International Collaboration
P1.039	Richard Ellis	Overview of the Maryland Centrifugal Experiment(MCX)
P1.040	Remington Reid	Magnetic Spring Experiment
P1.041	Carlos Romero-Talamas	Charge and Mass Considerations for Plasma Velocity Measurements in Rotating Plasmas
P1.042	John Santarius	Parametric Examination of Dwell Times for Plasma-Jet Magneto-Inertial Fusion
P1.043	Amiya Sen	First Experimental Identification of ETG Modes
P1.044	Loren Steinhauer	Hybrid FRC equilibria with Fokker-Planck distributions
P1.045	Xianzhu Tang	Dust divertor for a magnetic fusion reactor
P1.046	Scott Thomas	Spherical Cusp for High Energy Density Plasma Confinement
P1.047	George Votroubek	Plasma Liner Compression of FRCs*
P1.048	Friedwardt Winterberg	Ignition of a Deuterium Micro-Detonation with a Gigavolt Super Marx Generator
P1.049	Glen Wurden	An Ultrafast Imaging Diagnostic for ICC Experiments
P1.050	Setthivoine You	Vector and scalar tomography for compact toroid plasmas
P1.051	Chuangdong Zhou	Simulation of magneto-inertial confinement fusion with Txfluids