Poster Session #3
Plasma Science, Other Confinement, and Skunkworks

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P3.082	Witherspoon, Douglas	Dense Hypervelocity Plasma Jets for Fusion Applications
P3.083	Makhin, Vlad	Numerical modeling of a magnetic flux compression experiment
P3.084	Fuelling, Stephan	Experimental design of a magnetic flux compression experiment*
P3.085	Awe, Thomas	Magnetic Field and Inductance Calculations in Theta-Pinch and Z-Pinch Geometries
P3.086	Lizunov, Andrej	Confinement of strongly anisotropic hot-ion plasma in a compact mirror
P3.087	Parks, Paul	Plasma Liners Formed by the Merging of Supersonic Plasma Jets
P3.088	Shuichi, Ohsaki	Variational principle of Hall MHD
P3.089	Nebel, Richard	Overview of Experimental and Theoretical Studies of the Periodically Oscillating Plasma Sphere (POPS)
P3.090	Marocchino, Alberto	Kinetic Simulation of Experiments on the Los Alamos Inertial Electrostatic Confinement Device
P3.091	Park, Jaeyoung	High Voltage Operation of Inertial Electrostatic Confinement (IEC) Device for Neutron Generation and Periodically Oscillating Plasma Sphere (POPS)
P3.092	Aydemir, Ahmet	Nonlinear stability of rotating plasmas in a mirror geometry
P3.093	Hsu, Scott	Spherical Torus with a Plasma Center Column (ST-PCC)
P3.094	Barnes, Dan	Plasma Centrifuge Heat Engine – a Route to Non-thermal p-11B Fusion
P3.095	Post, Richard	Combining the "Kinetic Tandem" and the "Kinetic Stabilizer" Concepts
P3.096	Case, Andrew	Rotating Mirror as a Magneto-Inertial Fusion target plasma
P3.097	Slough, John	The Pulsed High Density Experiment: Concept, Design, and Initial Results
P3.098	Taleyarkhan, Rusi	Nuclear Emissions During Acoustic Inertial Confinement Cavitation
P3.099	Gaitan, Felip	An attempt to replicate Taleyarkhan et al observations of nuclear emission from acoustic cavitation in deuterated acetone
P3.100	Winterberg, Friedwar	Thinking in Different Ways to Combine Fusion with Fission
P3.101	Ryutov, Dmitri	Solving the stand-off problem for MTF: plasma streams as disposable electrodes
P3.102	Pamfiloff, Eugene	Accelerate the fission of 238U ions or fragment other nuclei through a system of frequency modulation
P3.103	Schaffer, Michael	Physically Motivated and Mathematically Consistent Formulation of Magnetic Helicity and Its Evolution - 3

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P3.105	Wang, Zhehui	Observation of the enhanced helicity injection mode in a rotating plasma annulus
P3.106	Spong, Donald	Sheared plasma flow generation - a new measure for stellarator optimization
P3.107	Jarboe, Tom	The Plasma Science and Innovation Center (PSI-Center)
P3.108	Marklin, George	MHD Simulation with Insulated Conducting Boundaries and Circuit Interactions
P3.109	Nelson, Brian	The PSI-Center Interfacing Group
P3.110	Macnab, Angus	FRC Simulations with the NIMROD Code
P3.111	Vadlamani, Srinath	Semi-Implicit Time-Stepping Algorithm used in MH4D for Simulations for Innovative Confinement Concept Fusion Devices
P3.112	Kim, Charlson	Full Orbit PIC in NIMROD
P3.113	Pahari, Sambaran	Challenges and achievements in Confinement of Toroidal Electron Plasmas
P3.114	Sen, Amiya	A Search for Zonal Flows In a Basic Experiment
P3.115	Sovinec, Carl	Numerical studies of line-tied kink modes