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**The Plasma Science and Innovation Center Interfacing Group**

B.A. NELSON, C.C. KIM, A.P. CASSIDY, S.D. GRIFFITH, R.D. MILROY, T.R. JARBOE, University of Washington — The Interfacing Group of the Plasma Science and Innovation Center (PSI-Center) facilitates simulations of collaborating Emerging Concept (EC) experiments. This includes helping set up experiments for new simulations, assisting in comparison of simulations with experimental data, acquiring and disseminating information about simulations to PSI-Center computational groups, and acting as a conduit of information between experiments. Present collaborating experiments include the Bellan Plasma Group (Cal-Tech), FRX-L (Los Alamos National Laboratory), HIT-SI (Univ of Wash), MBX (Univ of Texas-Austin), PHD (Univ of Wash), SSPX (Lawrence Livermore National Laboratory), SSX (Swarthmore College), TCS (Univ of Wash), and ZaP (Univ of Wash). The Interfacing Group also administers a local development computational cluster and network. PSI-Center 3-D resistive MHD codes include NIMROD and MH4D. Initial results from new NIMROD runs, and improved numerical diagnostics and data visualization for collaborating experiments will be presented.

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