Proposal and Attendance Form for NSTX Research Forum 2001

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Please write in the boxes below a one-page abstract of your proposal to be presented:

Title: Convective Turbulence in the SOL of PISCES and Similarities with Tore Supra

Abstract: Plasma in PISCES linear device is reported far from the region where it is produced. It is shown that this is mainly caused by convective transport of large-scale blobs of plasma ejected from the plasma edge. Fluctuations in the scrape-off layer of Tore Supra tokamak and PISCES are compared. The similarities of the convective blob shape, their probability distribution and their frequency spectra strongly suggest that convective transport take place in tokamaks. The process universality could also be checked in spherical tokamaks such NSTX.

Choose only one topical session by inserting X for each proposal (Use separate forms for separate proposals)	**2000 Results** (mbell@pppl.gov) **& 2001 Research Program** (esynakowski@pppl.gov) (Please submit by January 10, 2001) __ET1: Macroscopic Stability __ET2: Transport & Turbulence __ET3: High Harmonic Fast Wave & Electron Bernstein Wave __ET4: Coaxial Helicity Injection __ET5: Boundary Physics **2002-2005 Research Opportunities** (mpeng@pppl.gov) (Please submit by January 11, 2001) __TG1: Noninductive Startup __TG2: Heating, Current Drive & Fueling __TG3: Macroscopic Stability __TG4: Transport & Turbulence __TG5: Energetic Particle Physics __TG6: Multiphase Interface (Boundary Physics) **Fluctuations Measurement** (esynakowski@pppl.gov) (Please submit by January 10, 2001) X Fluctuations Measurement proposals

Select a presentation option by inserting X:

X Oral presentation in person
__Remote presentation via ShowStation and speakerphone
__Ask discussion leader to include in discussion
__No need to present, but include in meeting summaries
__Attend Forum only (in person or with remote access)

Special Requests for your proposal (projector type, time constraints, etc.):

Please return this document via e-mail attachment to jrobinson@pppl.gov, jsavino@pppl.gov, and the corresponding organizer listed above. Please e-mail questions or comments to the organizers listed above.