

NSTX FY 2007 Results Review
Edge Physics Experimental Task Group
23 July 2007

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Agenda

Presenter	XP	Title of presentation
H. W. Kugel	718/9	Review of NSTX lithium experiments: XP-718 (pellet injection) and XP-719 (surface coatings)
D. Mansfield	738	Injection and dispersion of Li powder in NSTX discharges
L. Zakharov	Th	Lithium loaded target plate for high performance plasma in NSTX
V. Soukhanovskii	708	Divertor heat flux reduction and detachment in highly shaped plasmas
V. Soukhanovskii	742	High pressure SGI fueling
J.-W. Ahn	709	SOL width scale lengths in NSTX
R. Maingi	721	Small ELM regimes
R. Maqueda	746	ELM characterization in NSTX
G. Cunningham		Inter-ELM filaments on MAST
S. Zweben	744	Electrode biasing experiment for local SOL control in NSTX
J. Boedo	747	Turbulence and intermittency studies in NSTX using probes
J. Myra	Th	Reduced simulations of boundary turbulence in NSTX
M. Umansky	Th	Analysis of magnetic perturbation in BOUT runs for NSTX
T. Stoltzfus-Dueck	Th	Modeling of blob formation in NSTX edge turbulence
K.C. Lee	Th	H-mode measurement via the FIRETIP and gyrocenter shift