ET-Boundary Physics XP Priorities

NSTX

Boundary Physics XP Priority (Highest is Heat Flux)	Boundary Physics Requested Days	Enabling XP Priority (Highest is Li Pellet Inj)	Enabling Physics Requested Days
1) Heat Flux (R. Maingi)	2	1) Boron & Li Pellet Inj (H.Kugel)	2
2) Edge Characterization XP-217 (S. Paul)	2	2) He Discharge Cond. (C. Skinner)	1
3) TMB fueling (H. Kugel)	1	3) Neon GDC Mitigation (V.Soukhanovskii)	(1)
4) Divertor Detachment (V.Soukhanovskii)	1	4) Lower Dome Fueling (V.Soukhanovskii)	1/2
5) Edge transport (J. Boedo)	1	5) Between Shot TMB (H.Kugel)	1/2
6) He Discharge Cond. (C. Skinner)	1	6) Morning TMB (H. Kugel)	1/2
7) Fast transport L-mode comparison (A. Pigarov)	1	7) Hot Surface TMB (H. Kugel)	1/2
8) Edge Biasing /Fueling (S. Zweben)	1		
9) Optimizing H-mode (C. Bush)	1		
10) Grad-B Drift (R. Maingi)	2		
Liquid Surface Module (R.Kaita)	piggyback		
LP Strike-point Scan (C.Bush)	piggyback		
Quartz Xtal Dep Mntr (C. Skinner)	piggyback		
Neutral Pressure (R.Raman)	piggyback		
Non-Maxwellian effects (J.Matte)	piggyback		

Comments

1. Neon Mitigation (V.Soukhanovskii) is important but requirements uncertain at this time.
2. ELM & Pedestal Physics (J. Boedo) moved to Transport & Turbulence.
3. Useful LP Strike-Point Scan data obtained on most discharges; moved to piggyback, await data analysis.
4. Deuterium Pellet Injector (L. Baylor): await project review of NSTX Job Estimate Proposal.
5. Edge Biasing (S.Zweben): await resolution of hardware issue with NBI in CHI mode.