

**Agenda for NSTX-U non-Lab-grant Diagnostic Plan Meeting  
Thursday, July 26, 2012, 1:30 – 4:15, LSB 318, PPPL**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
1:30 PM	Introduction and Motivation of the Meeting	
1:45	Upgrade of the Materials Analysis Particle Probe (MAPP-U) to Decipher the Impact of Lithium-Based Surfaces on NSTX-U Plasma Behavior	J.P. Allain
2:00	Fast-Ion D-Alpha Diagnostic for NSTX	W. Heidbrink
2:15	The Motional Stark Effect Diagnostic for NSTX	Fred Levinton
2:30	FIR Density Monitoring, Feedback Control and Fluctuation Diagnostics for NSTX	N.C. Luhmann, Jr.
2:45	Diagnostics and Modeling in Support of Boundary Physics Research on NSTX Upgrade	R. Maingi / B.D. Wirth
3:00	Absolutely Calibrated Tangential Imaging of Divertor	Ricardo Maqueda
3:15	Investigations of Long-Wavelength Turbulence and Instabilities in the Spherical Torus	George McKee
3:30	Cross-Cutting Research Studies on NSTX-U	Tony Peebles
3:45	Soft X-Ray Measurements of Transport and MHD Activity in the Core and Edge NSTX Plasma	Dan Stutman
4:00	A Fast Fusion Proton Diagnostic for NSTX	Werner Boeglin