



NSTX-U TEAM MEMBER MAST-U COLLABORATION

November 22, 2017

Objective of this meeting is for NSTX-U Team Members to familiarize themselves with present and proposed collaborations on MAST-U

- Not all funding decisions made
 - Some of the information is sensitive
- Kaye (transport)
- Battaglia (control, startup and scenarios)
- Podesta (energetic particles, AE stability)
- Liu (energetic particles)
- Ferraro (NTM/EF/MHD)
- Sabbagh (MHD equilibrium and stability)
- Reinke (divertor physics)
- Soukhanovskii (divertor physics)
- Maingi (dropper)
- Diallo (pedestal physics)

Kaye – Transport and Confinement

- Working with S. Henderson on setting up TRANSP at MAST-U
 - Off-line
 - BEAST
- Plan short visit in winter/spring to discuss
- Initial involvement through TRANSP analysis, subsequently experimental proposals (similar to those proposed for NSTX-U)
- Working to establish “easy” connection to MAST-U data archives from PPPL
- Working to establish means of remote participation in meetings, operations