

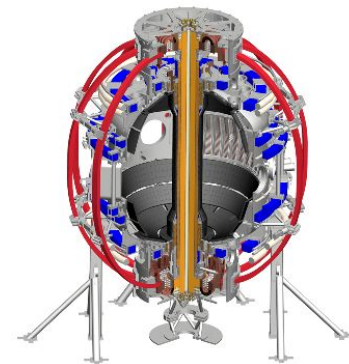


NSTX-U / Magnetic Fusion Science Meeting

Sept. 17, 2018

Agenda

1. Request for speakers, upcoming deadlines
2. I&T update (*R. Maingi, 5 min*)
3. Taking predict-first to the next level: opportunities & limits (*F. Poli, 40 min*)



Please volunteer and/or suggest speakers for the NSTX-U / Magnetic Fusion Science Meeting

- We haven't been meeting frequently as a team
 - Much/most research is obviously collaborative during NSTX-U outage, ...
- The weekly physics meeting is a great venue to gather as a team to discuss MFE research, even if broader than NSTX-U
- **Need speakers** (should be no shortage of speakers at a national fusion lab: NSTX-U, collaborations, Theory, collaborators & visitors...)
- Looking for 20-40 min talks (esp. Nov & Dec)
- **Adding regular (~5 min) dept. research updates**
 - Rajesh/Brian – Tokamaks (DIII-D, EAST, KSTAR ...)
 - Hutch/Dave/Chuck – Advanced projects (stellarators, systems studies)
 - Amitava – Theory (MFE)
 - Phil/Dick/Brent - PS&T (LTX- β , diagnostics)
 - Jon/Stefan/Stan – STs (NSTX-U Recovery, MAST-U)

Upcoming deadlines, ...

- IAEA-FEC (Oct. 22-27) contributions to NSTX-U Overview paper
 - Stan has sent draft for co-author review
 - Paper submissions due end of September
 - Start dry runs week of Oct. 8 (OV - combined with MAST-U)
- APS (Nov. 5-9)
 - Request absentee ballots!
 - Invited talk table layouts early Oct. (before IAEA, Oct. 22) - hopefully!
 - Poster dry runs, Oct. 29 – Nov. 2 (week between IAEA & APS)
- DIII-D Research Forum (Dec 2018 / Jan 2019)