

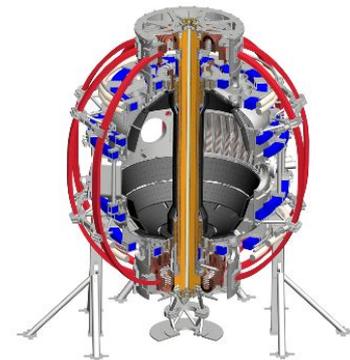


# NSTX-U / Magnetic Fusion Science Meeting

Sept. 24, 2018

## Agenda

1. Request for speakers, upcoming deadlines
2. Update on startup scenario development for MAST-U (*D. Battaglia, 25 min*)
3. Progress on Disruption Event Characterization & Forecasting (DECAF) in tokamaks (*S. Sabbagh, 25 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 - Jan)
- **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- $\beta$ , 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; will submit paper within day or so
  - Dry Run Schedule
    - Wed Oct. 10 Kaye (OV - video with MAST), Podesta
    - Tues Oct. 11 Ku, Goldston, Maingi
    - Fri Oct 13 (?) Menard (OV)
    - Posters: Mon Oct. 15 and Tues Oct. 16
- APS (Nov. 5-9)
  - **Request absentee ballots for midterm election!**
  - Invited
    - Fri Oct. 26 Gorelenkov
    - Mon Oct. 29 Hammond (remote), Wang, Sabbagh
  - Orals: Tues Oct. 30
  - Posters: Tues Oct. 30, Wed. Oct. 31
- DIII-D Research Forum (Dec 2018 / Jan 2019)