

 **National Spherical Torus eXperiment Upgrade**

NSTX-U / Magnetic Fusion Science Meeting

Jan. 11, 2021

Some upcoming events

- Final FESAC LRP report due out ~Jan. 15-20
- Jan. 24-29, 2021 (virtual), Int. Conf. on Plasma Surface Interactions
- April 19-23, 2021 (virtual), US Transport Task Force
- May 10-15, 2021 (virtual), IAEA-FEC
 - April 9, 2021: Conference “pre-prints” due
 - May 31, 2021: Nuclear Fusion manuscripts due
 - **Please be prepared to provide a couple paragraphs + figure for NSTX-U Research Overview paper and poster** (talk is rapporteured)
 - Should be work that’s new since FEC 2018 as published in Kaye et al. Nucl. Fusion 59, 112007 (2019): <https://doi.org/10.1088/1741-4326/ab023a>
- June 21-25, 2021 (virtual), EPS Plasma Physics Conference
 - New & updated contributed abstracts accepted Jan 25 - Feb. 19

NSTX-U Team talks

- Asking NSTX-U collaborators to give ~15 minute talk at upcoming meetings
- Goal is to inform all new, renewed and continuing NSTX-U Team members of growing activities addressing the NSTX-U Mission
- Suggested content:
 - An overview of the planned research & diagnostic activities for NSTX-U in this five year period (feel free to include progress since funding commenced)
 - Please highlight which Objective(s) and Thrust(s) from the [NSTX-U Five Year Plan](#) the research addresses
 - An estimated schedule of activities
 - A list of key needs or requirements, including on- and off-site personpower resources
- Will have equivalent talk on PPPL-based researcher plans
- Trying to schedule all 21 talks at *two* different (extended) Monday meetings (1:30-4:30 pm ET)
 - Feb 1,8,15,22, Mar 1,8
- Will email entire NSTX-U Team ASAP once the talks are scheduled