

NSTX-U / Magnetic Fusion Science Meeting

March 15, 2021





Some upcoming events

- April 19-23, 2021 (virtual), <u>US Transport Task Force</u> (abstract deadline: April 2)
- (April / TBD) Sherwood theory conference
- May 10-15, 2021 (virtual), <u>IAEA-FEC</u> (paper, presentation & video deadlines: April 9)
- June 21-25, 2021 (virtual), EPS Plasma Physics Conference
- July 6-9, 2021 (virtual), <u>Joint Asia-Pacific-US-EU Transport Task Force</u>
- Sept 6-10, 2021 (virtual), <u>EU-US Transport Task Force</u> (deadline: April 16)
- Sept 12-16, 2021 (virtual), <u>IEEE Int. Conf. on Plasma Science (ICOPS)</u> (deadline: May 28)
- Sept 26 Oct. 1 (virtual/Fukuoka), AAPPS-DPP (<u>invited nominations</u> due April 30)
- Nov. 8-12, 2021 (Pittsburgh?), <u>APS-DPP</u> (invited nominations typically May)
- Dec. 12-16, 2021 (Denver?), <u>IEEE-SOFE & PPC</u> (deadline: June 1)



IAEA deadlines and NSTX-U Overview paper

- Conference dates: May 10-15, 2021 (virtual), <u>IAEA-FEC</u>
- April 9, 2021: Deadline for everything (<u>Contributers Guide</u>), including
 - Conference paper
 - Presentations, posters, summary slides
 - Videos (talks, poster summaries)
- Guidance on poster layout <u>here</u> (recommends A0?)
- Stan will coordinate review of NSTX-U contributions
- Don't do anything if you trust I will include your work and represent it accurately, otherwise...
- Please send me your contributions for the NSTX-U Overview paper (suitable for the Nuclear Fusion paper) by this Friday (March 19)
 - 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
- Current <u>outline here</u> let me know ASAP (today) if you think something is missing



DOE/SC must approve IAEA participation

- New DOE/SC requirements for attending virtual meeting/conference organized by a foreign entity (from March 11 email)
- Fill out the <u>Virtual Conference</u> form ASAP (easy and quick to do)

A message from the Chief Financial Officer

Kristen Fischer



Are you planning to participate in a virtual meeting and/or conference organized by a foreign entity? If so, this pertains to you!

New guidance has been issued requiring approval for any attendance/participation at virtual meetings and/or conferences organized by foreign entities.

With travel likely to be restricted through much of FY 2021, the U.S. Department of Energy (DOE) Office of Science (SC) recognizes that there is an increasing number of opportunities for researchers to participate in virtual scientific conferences, workshops, seminars, and similar activities. Some of these events are organized by individuals or institutions in foreign countries.

Before any invitations to participate are accepted or registration is completed, PPPL must provide the following information to SC at least 3 weeks in advance of invitation acceptance or registration due dates to allow the SC program office time to consider the request:



NSTX-U Team talks

Feb. 8 - "Executive Summary" overview of NSTX-U Five Year Plan (2021-2025)

Feb. 15, March 1, March 8- first 17 collaborator talks

March 22 - last 2 talks

- ~15 minute talks, 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 <u>NSTX-U Five</u>
 <u>Year Plan</u> the research addresses
 - An estimated schedule of activities
 - Key needs or requirements, including on- and off-site personpower resources

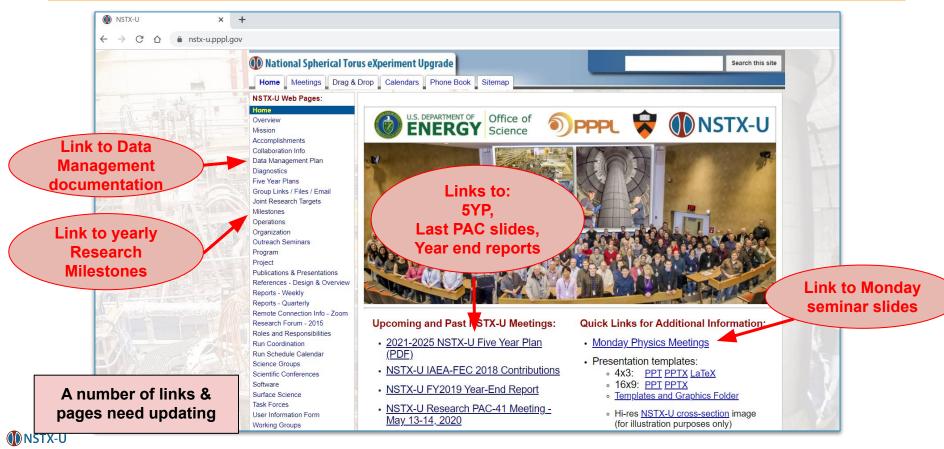


Agenda for collaborator talks

Time (ET)	February 15	March 1	March 8
1:35	Thome	Schuster	Mordijck, Fitzpatrick
1:50	Sabbagh	Kolemen	Luhmann
2:05	Raman	McKee	Allain, Koel, Woller
2:20	Crocker, Lin	Rhodes	Baek
2:35	Heidbrink, Stagner	Brower	Levinton
2:50	Wirth	Soukhanovskii	Tritz
3:05	Unterberg		Kolemen

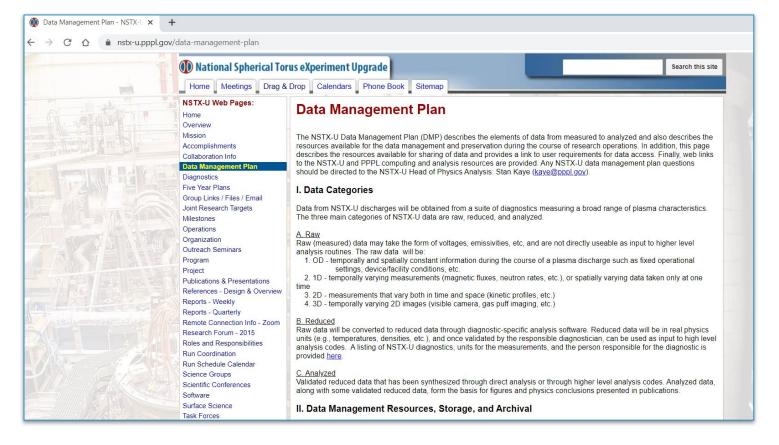


FYI: Much information found at nstx-u.pppl.gov



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Much information on data usage, access, publishing, archiving





Data usage, access, publications & presentations

- <u>Data Usage Agreement</u> should be filled out by all collaborators intending to present & publish data, analysis and/or modeling
 - Data access: If you don't already have access, reach out to your PPPL research contact

Publications

- Prior to journal submission, should email Head of Physics Analysis (<u>wgutten@pppl.gov</u>)
 to distribute for ~1 week Team review
- Data in figures should be <u>archived</u> (<u>instructions</u>, <u>how-to guide</u>) & the ARK link should be included in the paper
- First PPPL author is responsible for submitting draft (and eventual Accepted Manuscript) to <u>Publications Office</u> for review, patent clearance and OSTI archiving

Please read the webpages to educate yourself on <u>your</u> responsibilities



Talk & poster presentations

Archive of slides in this <u>DragNDrop directory</u> (not sure how up-to-date this is)

- Bigger conferences (APS, EPS, IAEA, TTF, Sherwood): we ask that you do a dry run
 with appropriate Team members (these will typically be Team-coordinated, especially
 APS & IAEA)
- Smaller conferences: as a courtesy (mostly for awareness) we ask you to please email
 Head of Research (<u>skaye@pppl.gov</u>) and Head of Physics Analysis
 (<u>wgutten@pppl.gov</u>) that you are contributing
- Seminar and outreach talks: no communication required; however, we are (were)
 keeping a <u>directory</u> of <u>Outreach talks</u> to which we would happily update and add new
 talks for future reference

