National Spherical Torus eXperiment Upgrade

NSTX-U / Magnetic Fusion Science Meeting

April 12, 2021





Some upcoming events

- April 19-23, 2021 (virtual), US Transport Task Force (NSTX-U dry runs Friday, April 16)
- (April / TBD) Sherwood theory conference
- May 10-15, 2021 (virtual), <u>IAEA-FEC</u> (video upload deadline: April 15)
- June 21-25, 2021 (virtual), EPS Plasma Physics Conference
- July 6-9, 2021 (virtual), Joint Asia-Pacific-US-EU Transport Task Force (deadline: April 16)
- July 19-23, 2021 (virtual), <u>Theory & simulation of disruptions</u> (deadline: June 14)
- Sept 6-10, 2021 (virtual), <u>EU-US Transport Task Force</u> (deadline: April 16)
- Sept 12-16, 2021 (virtual), IEEE Int. Conf. on Plasma Science (ICOPS) (deadline: May 28)
- Sept 26 Oct. 1 (virtual/Fukuoka), AAPPS-DPP (invited nominations 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)

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IAEA deadlines and **NSTX-U** Overview paper

Conference dates: May 10-15, 2021 (virtual), <u>IAEA-FEC</u>

Contributers Guide

- April 15, 2021: Deadline for uploading videos (talks & 5 min poster overviews)
- NSTX-U Overview paper and poster slides posted in the DragNDrop folder: <u>https://nstx.pppl.gov/DragNDrop/Scientific_Conferences/IAEA/IAEA_2020/</u> (All contributions will be shared through Google drive soon)

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:

Link to recent collaborator talks on nstx-u.pppl.gov

Meeting slides for recent NSTX-U program overview (Feb. 8) and collaborator talks (Feb. 15, March 1, March 8, March 22) are now in one google drive, linked on nstx-u.pppl.gov

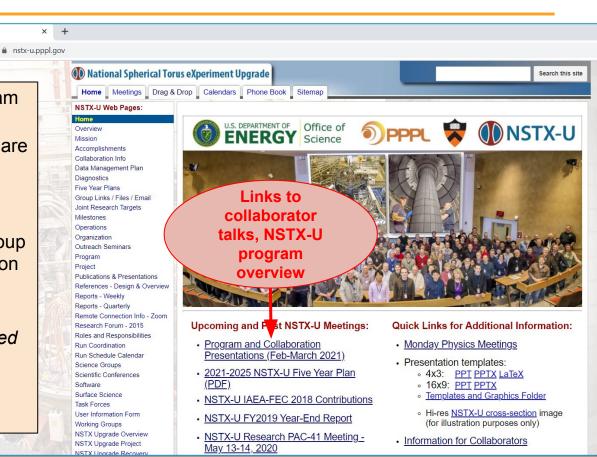
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Additional slides from the Columbia group have been added with additional details on deliverables and timeline

Please let me know if others have updated slides they would like uploaded.

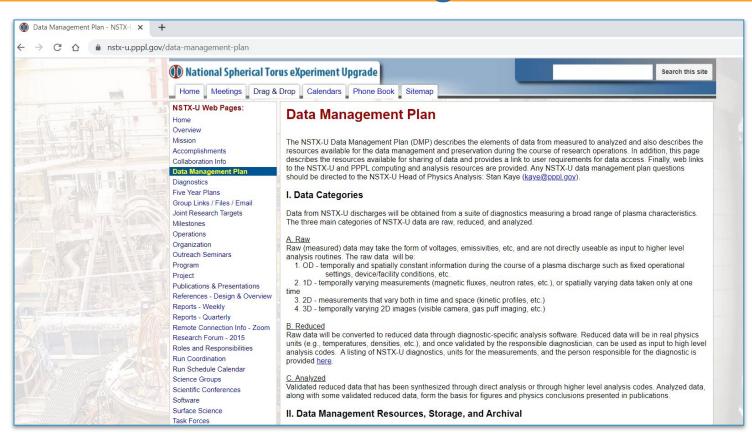


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FYI: Much information found at <u>nstx-u.pppl.gov</u>



Much information on data usage, access, publishing, archiving



NSTX-U

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