

NSTX-U / Magnetic Fusion Science Meeting

October 11, 2021





Some upcoming events

- Nov. 8-12, 2021 (Pittsburgh / hybrid), <u>APS-DPP</u> (invited deadline: May 26)
- Nov. 30 Dec. 3, 2021 (Chengdu / hybrid), 4th IAEA TM on Fusion Data Processing,
 Validation and Analysis (abstract deadline: Sept. 15)
- Dec. 6-9, 2021 (virtual), <u>IAEA Technical Meeting on Energetic Particles</u> (deadline: Oct. 6)
- Dec. 12-16, 2021 (Denver), <u>IEEE-SOFE & PPC</u> (deadline: Aug. 15)
- PSI-25 Jun. 12-17 (Jeju Island, South Korea), PSI-25 (deadline: Nov 30)
- June 27-July 1, 2022 (Maastricht), <u>EPS Conf. Plasma Physics</u> (deadline for invited: Oct.
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APS-DPP remains hybrid format

- Sept. 3 announcement from Mike Brown
- Sept. 14 PPPL email: DOE travel ban is still in effect. Please register for virtual APS attendance.

Tuesday Nov. 2 scheduled for NSTX-U / ST oral dry runs

ST session UO08: Devon Battaglia, Xin Zhang, James Yang, Weixing Wang, Mate Lampert, Tom Looby, Promise Adebayo-Ige, Masa Ono

Pedestal session ZO07: Andreas Kleiner, Walter Guttenfelder

Session CO07: MFE: Turbulence and Transport I: Nirmal Bisai



Columbia Energy Tech Revolution Forum tomorrow (Tues, Oct. 12, 12pm ET)

"Fusion: No Longer Thirty Years Away"

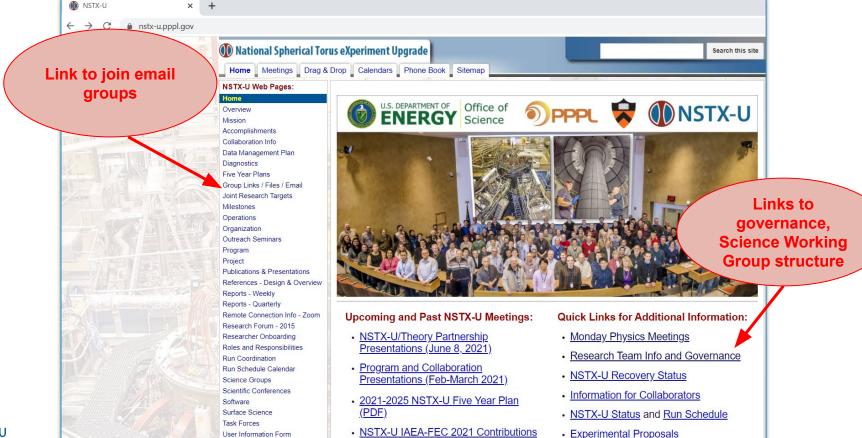
- Hosted by Paul Dabbar (former DOE Under Secretary for Science)
- Sir Steven Cowley (Director, PPPL)
- Dr. Robert Mumgaard (CEO, CFS)

"The discussion will focus on the state of fusion technologies, how fast until we get to a net-out containment, and energy policies to drive from net-out containment to commercial fusion plants."

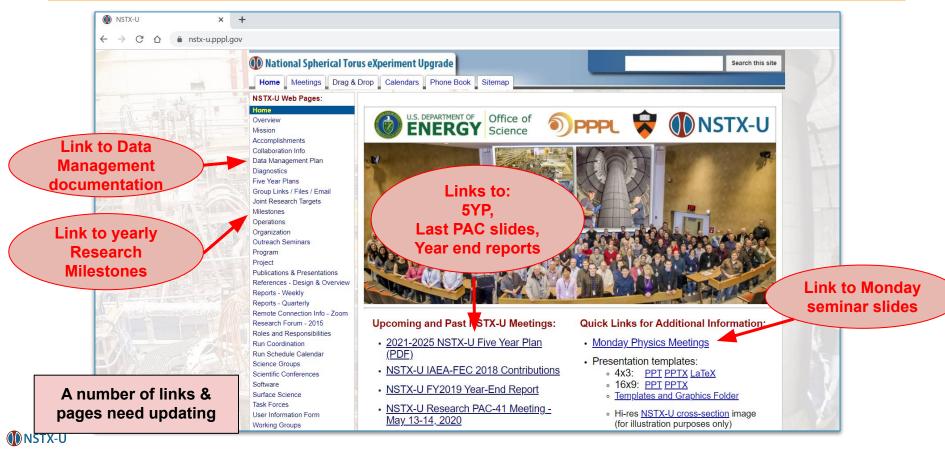
Registration required for Zoom link



Please join Science Working Group email list (intention is for some SWGs to start meeting)

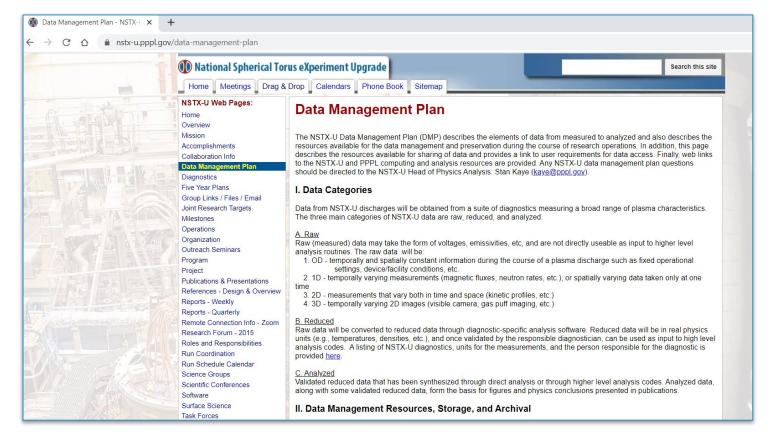


FYI: Much information found at nstx-u.pppl.gov



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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

