National Spherical Torus eXperiment Upgrade

NSTX-U / Magnetic Fusion Science Meeting

June 28, 2021





COVID vaccination status for PPPL onsite access

- PPPL staff need to log-in to <u>VacStatus</u> and select an option by **July 1**
- HR COVID vaccination info (and FAQs)
- Still awaiting word on specific requirements, but anyone who will be *onsite at PPPL* for substantial time will likely need to be vaccinated or have an approved exemption

Some upcoming events

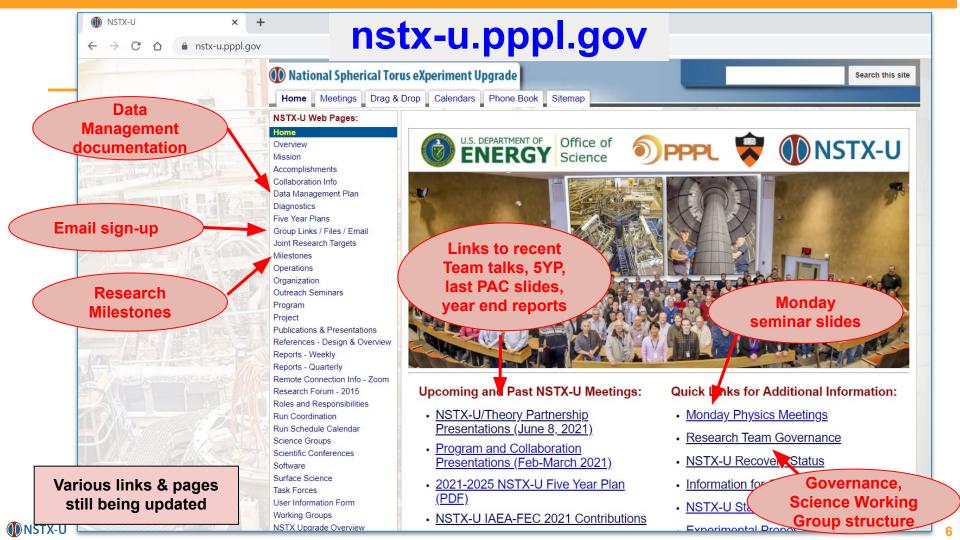
- July 6-9, 2021 (virtual), <u>Joint Asia-Pacific-US-EU Transport Task Force</u> (deadline: April 30)
- July 19-23, 2021 (virtual), <u>Theory & simulation of disruptions</u> (deadline: June 14)
- Aug 16-18, 2021 (virtual), <u>Sherwood Theory Conference</u> (deadline: July 9)
- Sept 6-10, 2021 (virtual), <u>EU-US Transport Task Force</u> (deadline: April 30)
- Sept 12-16, 2021 (virtual), IEEE Int. Conf. on Plasma Science (ICOPS) (deadline: May 28)
- Sept 26 Oct. 1 (virtual), <u>AAPPS-DPP</u> (invited nominations deadline: May 31)
- Nov. 8-12, 2021 (Pittsburgh / hybrid), <u>APS-DPP</u> (invited deadline: May 26)
- Dec. 6-9, 2021 (virtual), <u>IAEA Technical Meeting on Energetic Particles</u> (deadline: Sept 6)
- Dec. 12-16, 2021 (Denver?), <u>IEEE-SOFE & PPC</u> (deadline: June 30)

APS contributions

- Contributed oral & poster deadlines: July 15 please let Stan and myself know of your intentions to submit NSTX-U contributions by this Friday (July 2)
- **Sorting category**: 6.16 Low-aspect ratio tokamaks: PEGASUS, NSTX-U and MAST-U (*we will provide DPP a group order list for poster and oral sessions*)
- Note: Ph.D students that are graduating (within coming 1 year) or recently graduated (within previous 2 years) can request a 24 minute oral by indicating "Ph.D Oral-24" in the Special Instructions fields (see <u>here</u>)

Please sign up for Science Working Groups

- Recall we have recently updated NSTX-U Research organization into <u>Science Working Groups</u> (from older Topical Science Groups)
- You can sign-up at to any <u>SWG email list</u> in which you are interested
- Intention is that groups will hold periodic meetings as needed to present and coordinate ongoing NSTX-U research (Milestones or otherwise)

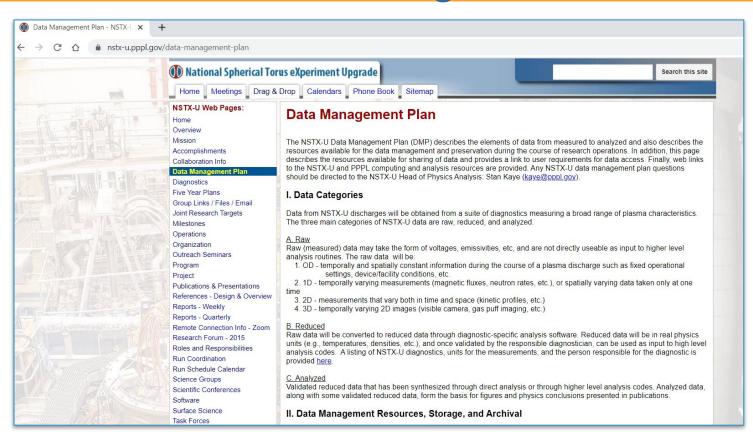


Publications

- 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 or coauthor 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 NSTX-U link to <u>Publications</u> info

Much information on data usage, access, publishing, archiving



NSTX-U

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

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

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