National Spherical Torus eXperiment Upgrade

NSTX-U / Magnetic Fusion Science Meeting

June 7, 2021





Some upcoming events

- June 21-25, 2021 (virtual), EPS Plasma Physics Conference
- July 6-9, 2021 (virtual), Joint Asia-Pacific-US-EU Transport Task Force (deadline: April 30)
- 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 30)
- Sept 12-16, 2021 (virtual), <u>IEEE Int. Conf. on Plasma Science (ICOPS)</u> (deadline: May 28)
- Sept 26 Oct. 1 (virtual), <u>AAPPS-DPP</u> (invited nominations deadline: May 31)
- Nov. 8-12, 2021 (Pittsburgh?), <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)

NSTX-U / Theory Partnership Review June 8

- Tomorrow afternoon (Tuesday June 8), 1-4 pm ET
- Informal review session highlighting ongoing PPPL Theory research supported by NSTX-U
- Will be very short presentations (10 min) summarizing recent results and future plans

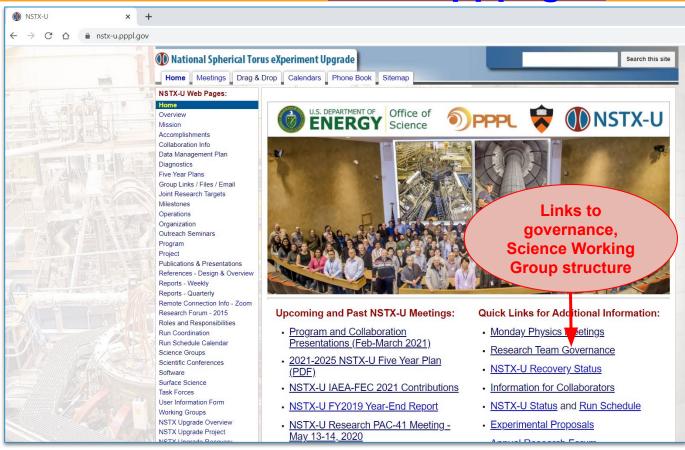
	EP
1:00 PM	Belova
1:15 PM	Duarte / White
1:30 PM	Gorelenkov
	XGC
1:45 PM	Chang
2:00 PM	Dominski
2:15 PM	Hager
2:30 PM	Ku
2:45 PM	Sharma
	MHD
3:00 PM	Ebrahimi
3:15 PM	Jardin
3:30 AM	Liu
3:45 PM	Kleiner / Ferraro
	GTS
4:00 PM	Wang
4:15 PM	Startsev
4:30 PM	General Comments / Discussion

Publications

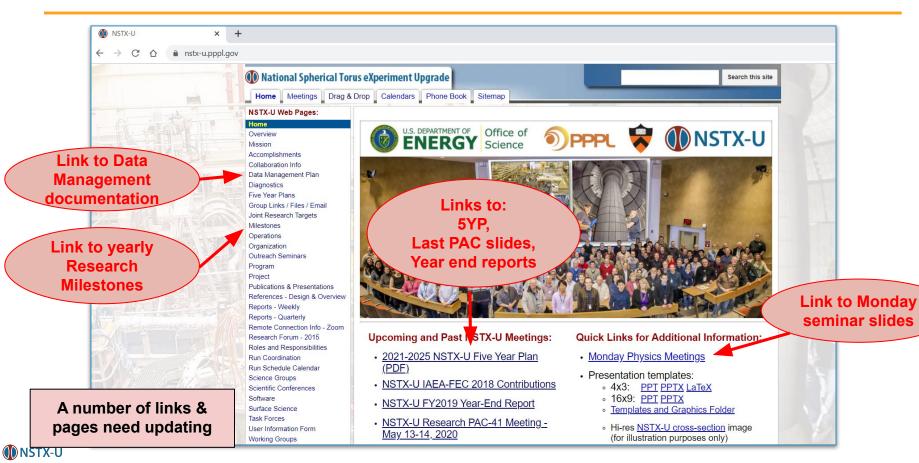
- Prior to journal submission, should email Head of Physics Analysis (<u>wgutten@pppl.gov</u>) to distribute for ~1 week Team review
- Data in figures should be <u>archived</u> (<u>instructions</u>, <u>how-to guide</u>) & the ARK link should be included in the paper
- First PPPL author or coauthor is 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

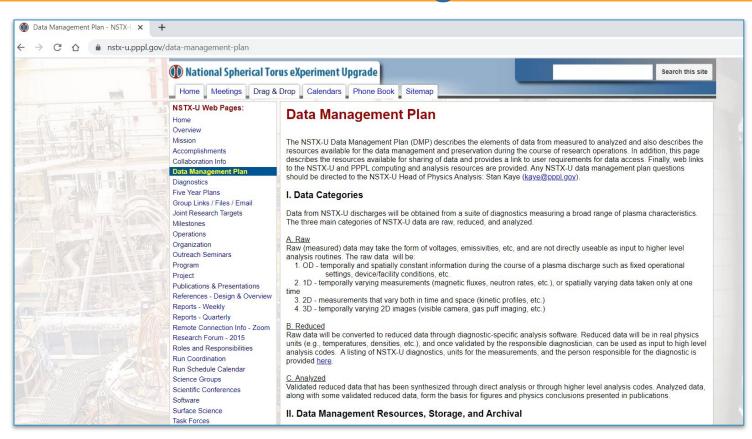
Links to governance, Science Working Group structure on <u>nstx-u.pppl.gov</u>



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



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

Publications

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