

# **NSTX-U / Magnetic Fusion Science updates**

**January 3, 2021**

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# Some upcoming events

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- Jan. 25-27, 2022 (virtual), [TRANSP Users Workshop](#) (register by Jan. 10)
- Feb. 15-17, 2022 (virtual), [US-Japan CT workshop](#) (deadline: Feb. 1)
- April 5-8, 2022 (Santa Rosa / hybrid), US-EU TTF (deadlines: TBA)
- May 15-19, 2022 (Rochester, NY), [24th HTPD](#) (deadlines: ~~Invited—Dec. 10~~; others - Jan. 31)
- June 12-16, 2022 (Anaheim), [ANS-TOFE](#) (deadline: Feb. 15)
  - *Send Walter (on P.C.) suggestions for invited talks (e.g. stellarator; ops/control; edge/exhaust; disruption mitigation)*
- June 12-17, 2022 (Jeju Island, South Korea), [PSI-25](#) (deadline: ~~Dec. 7~~)
- June 20-24, 2022 (Warsaw, Poland), [ISHW](#) (deadlines: TBA)
- June 27-July 1, 2022 (~~Maastricht~~, virtual only), [EPS Conf. Plasma Physics](#)

# NSTX-U Research Annual Summary

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- Planning to hold update talks in Feb/March (similar to [talks last spring](#))
- Brief summary of research progress encompassing the entire NSTX-U Research Team
  - Progress & results addressing 5 year plan Objectives & Thrusts
  - Challenges or issues that need addressing by the Team
  - Any possible changes in research priorities (e.g. in light of NSTX-U delays and/or other developments: ST-40, MAST-U, ...)
- Considering a couple of formats
  - Ask for multiple individual talks from (i) collaborators + (ii) NSTX-U/PPPL milestone leads + (iii) NSTX-U/Theory Partnership activities, OR ...
  - Ask for summary from each Science Working Group → would need to to actively form SWGs now to coordinate activities and results, OR ...
  - Your ideas?
- Will announce more soon

# Kickoff for Core & Pedestal Transport SWG

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- First meeting this Thursday, Jan. 6
  - Join googlegroup ([here](#)) if you would like to get announcements
- **We encourage other SWGs to begin meeting more regularly to coordinate and communicate ongoing NSTX-U research activities**