

NSTX-U Weekly Report (July 7, 2017)

FY 2017 status: NSTX-U is in a maintenance and repair outage.

NSTX-U Research (J. Menard)

The 19th International Spherical Torus Workshop (ISTW 2017) will be held at Seoul National University on 19-22 September, 2017. We urge you to attend if you have important ST research results to share with the international ST community. The workshop website is <http://nuplex.snu.ac.kr/node/40> and information on hotel and registration is also provided on the NSTX-U homepage. **The abstract submission deadline is tomorrow July 14, 2017.** If you wish to have a presentation or poster but cannot attend in person, Jon Menard, Masa Ono, or another US participant may be able to present on your behalf. Results from the NSTX-U FY2016 run campaign would be particularly good to highlight.

NSTX-U Recovery Project (R. Hawryluk)

In vessel metrology for spacial measurements of the passive plates and outboard divertor has started utilizing the laser tracker. Measurements with the Romer arm will begin once the appropriate calibration standard is available.

Inner PF coil conductor samples are being insulation wrapped in the coil winding facility in preparation for a VPI test.

Commissioning of the PF inner coil test facility continued with the fabrication of the test stand and the installation of cabling and fiber-optics needed for instrumentation.

The north and south labyrinths for the NSTX Test Cell have been evaluated for shielding enhancements. Designs are now being prepared.