

# 11th International Meeting of the Union for Compact Accelerator-driven Neutron Sources (UCANS11)

Contribution ID: 10

Type: **Contributed Oral**

## Status of the Moderator Test Station at ORNL

*Tuesday, 25 February 2025 11:50 (20 minutes)*

We present the status of the Moderator Test Station (MTS), under construction at the Spallation Neutron Source. The MTS will provide the ability to test a wide variety of moderators in a prototypic configuration, simultaneously measuring the neutronic performance of the moderator concepts central to the gains described for upcoming neutron source facilities. The presentation will describe the MTS and its progress, including performance analyses, radiation safety measures, and target development.

### Email Address

Email Address

### Presenter if not the submitter of this abstract

### Funding Agency

US Department of Energy

### Abstract classification - track type

Instrumentation and Hardware

**Primary author:** IVERSON, Erik (ORNL)

**Co-authors:** GALLMEIER, Franz (ORNL); GRAMMER, Kyle; JOHNS, Kevin

**Presenter:** IVERSON, Erik (ORNL)

**Session Classification:** Session 4