

Status of the Moderator Test Station at ORNL

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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.

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