

Present Performance and Future Opportunities at the ORNL Spallation Neutron Source

Thursday 27 January 2022 16:15 (1 hour)

The Spallation Neutron Source (SNS) at Oak Ridge National Laboratory, in operations since 2006, is the world's highest power spallation neutron source, enabled by the most powerful operating super-conducting hadron linac. I will overview the SNS scientific mission, the operational performance and the plans for the facility upgrade. I will also discuss the SNS potential strategic and scientific capabilities complementary to the present neutron scattering mission.

Presenters: PILAT, Fulvia (Jefferson Laboratory); PILAT, Fulvia (Department of Physics); PILAT, Fulvia (ORNL)