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Recent Progress at the Oak Ridge National Laboratory's Neutron Facilities KENNETH HERWIG, Oak Ridge National Laboratory

Oak Ridge National Laboratory is home to two forefront neutron scattering user facilities, the High Flux Isotope Reactor and the Spallation Neutron Source (SNS). The neutron scattering instruments at these two facilities probe both the structure and dynamics of materials across a wide-range of science interests including biomaterials, physics, and materials sciences. The past several years have seen a dramatic increase in both capacity and science capabilities as new instruments have entered the user program and others have been significantly upgraded. This talk will describe some of the recent progress that has been made and present a few examples of the science that has been enabled. It will conclude with a look into the future that could include a second target station at the SNS optimized for probing slow dynamics and large length scales.