

Inelastic Scattering Instruments at the Spallation Neutron Source

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Abstract

A growing number of inelastic scattering instruments have been chosen for construction at the Spallation Neutron Source currently under construction in Oak Ridge, TN. Brief descriptions and status of those instruments that have been approved by the SNS Experimental Facilities Advisory Committee will be given. A quantitative comparison of the performance of the first direct-geometry chopper spectrometers points out that each of the instrument ARCS, CNCS, HYSPEC and SEQUOIA has unique capabilities and serves different needs of the inelastic scattering community.