## Oak Ridge National Laboratory's Neutron Scattering User Program

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Neutron scattering instruments are used to study materials. Among the 32 instruments at ORNL there are a wide variety of techniques that enable the study of structure and/or dynamics of a wide variety of materials at various size and energy scales. We will touch on the physics that enables this scattering, survey the available techniques and the history of neutron scattering, and describe the niche that neutron scattering provides among other diagnostic probes. These instruments are available to any researcher free-of-charge whose experimental proposal is accepted, so long as the research done is intended to be published. One instrument (HYSPEC) and its capabilities will be described in more detail.