

Session on
Instrument Team Meetings
SNS-HFIR Users Meeting, ORNL Research Support Center
October 12, 2005

Regular communications with the scientific community on the status of SNS instruments is important. The goals of these meetings are to develop the community that will use these instruments, discuss unique features of these instruments in detail, along with the plans for commissioning and operations. These meetings will help to develop initial user experiments that will be of high impact. The following instruments at the Spallation Neutron Source will have team meetings.

Backscattering Spectrometer 1:30 pm, Room 202-A
Atomic scale dynamics at high resolution – diffusive and vibrational motions of adsorbed molecules or large molecules.

Magnetism Reflectometer 1:30 pm, Room 202-B
Magnetic and chemical density profiles in surfaces, thin films and multilayer systems

Liquids Reflectometer 1:30 pm, Room 202-C
Density profiles normal to the surface at liquid surfaces and liquid interfaces

Extended Q-Range SANS 3:00 pm, Room 202-A
Large-scale structures in a variety of materials, including biological molecules, polymers, colloidal systems.

POWGEN3 [Powder Diffractometer] 3:00 pm, Room 202-B
Atomic structure in a wide variety of powdered crystalline samples

CNCS [Cold Neutron Chopper Spectrometer] 1:30 pm, Room 219
Atomic-scale dynamics in the 0-20 meV energy range

ARCS [Wide-Angle Fermi Chopper Spectrometer] 3:00 pm, Room 202-C
Atomic-scale dynamics at thermal and epithermal energies - optimized for angular coverage