High Performance Computing Resources for
Neutron and Nano Users

Monday, July 31, 2017

This workshop is targeted at scientists interested in exploring how high performance computing (HPC) could aid their research program.

The goals of the workshop are to help users of the nanoscience and neutron scattering facilities understand the following:

1) How to identify where HPC would help their science.

2) What resources are available at ORNL to assist with HPC ready projects.

3) How to become a user of HPC resources at ORNL.

4) Explore what the needs of the user community are in terms of HPC resources and identify scalable solutions that would suit these needs.

Presentations will include a high-level overview of available resources, presentations on techniques and workflows available from Oak Ridge Leadership Computing Facility (OLCF) and the Compute and Data Environment for Science (CADES), as well as a roundtable discussion for solicitation of new ideas for workflows and developments.