

Quasi-Elastic Neutron Scattering: A Tool for the Study of Molecular Dynamics

This tutorial will build on the introductory lecture and is designed to instruct those researchers new to the Quasi-Elastic Neutron Scattering technique about basic QENS data reduction. The learning approach adopted is guided analysis of real data to illustrate some of the challenges posed by actual problems and datasets. The worked examples chosen also illustrate the kind of information one can extract from a QENS experiment once data reduction is complete and analysis begins.

The programs used will be installed in a cluster at the Niels Bohr Institute. Detailed instructions in how to use the programs will be handled as printouts.