Effective 09.24.2019

NCNR Data Management Plan

PURPOSE

The purpose of this Data Management Plan (DMP) is to articulate the NCNR approach to data preservation and access.

SUMMARY

The NIST Center for Neutron Research is a national user facility providing access to neutron measurement instruments to thousands of researchers from industry, academia, and government agencies. Products of the NCNR include neutron measurement data created using NCNR neutron measurement instruments and data that are presented in figures and tables in publications.

The NCNR defines raw data as raw measurement counts collected using the data acquisition system for a neutron scattering instrument at the NCNR.

The NCNR defines published data as data that is presented in figures or tables in publications in which a NIST author or co-author is responsible for creating those figures or tables.

SCOPE

The scope of this data management plan includes raw data and published data. The scope of this DMP does not include data files collected under the auspices of an NCNR Facility Use Agreement for Proprietary Use.

DATA TYPES AND CLASSIFICATION

Data produced by the NCNR neutron measurement instruments are in electronic form and they are machine-readable.

PRESERVATION

All NCNR raw data within the scope stated above are archived automatically by the NCNR. The responsibility for preserving published results (i.e. the means by which the data is preserved) resides with the individual NCNR researcher and will be performed consistent with NIST policy and NCNR leadership directives.

DISCOVERABILITY & ACCESS

All NCNR raw data within the scope stated above are made available to the public following an experiment unless the researcher who collected the raw data opts out. In those cases when the researcher opts out, the raw data will be made available after 18 months from the creation date. The data files are made available to the public via external server at https://www.ncnr.nist.gov/pub/ncnrdata. This repository is listed in the NIST Enterprise Data Inventory, with a persistent digital object identifier (DOI): 10.18434/t4201b
All NCNR published data within the scope stated above are made available upon request of the NCNR scientist.