8 Quantum Technologies for Neutrino Mass. Data Management Plan.

Data products from this collaborative project will consist of (a) raw data and corresponding meta-data, (b) commercial software simulation models and (c) bespoke software. Experimental details such as construction drawings or circuit diagrams would be included in research publications and disseminated in that way, rather than as public archived items.

The management of data products will include public dissemination after completion of the project in the form of a certified public archive such as the Zenodo platform. Such platforms offer indefinite storage with certified digital object identifiers (DOIs).

For the duration of the project, software, item (c), will be developed using the public GitHub version control system for transparency and ease of collaboration. Items (a) and (b) require a collaboration-wide access storage system with restricted public access. The backed-up raw-data storage requirement estimated in this proposal is 100 TB and will either be procured directly or through university research data services. A storage platform such as Zenodo with included backup could be a suitable solution for smaller derived datasets and distributions, but other systems with backup capability and restricted access options will be explored.

Additionally to collaborative storage solutions, all participating institutions have published data management policies that will be ahdered to.