
Copy of Appendix 6: Data Management Plan

A Data Management Plan created using DMPTool

Creator: Tsuyoshi Tajima

Affiliation: Los Alamos National Laboratory (LANL)

Template: Department of Energy (DOE)

Last modified: 01-14-2017

Copyright information:

The above plan creator(s) have agreed that others may use as much of the text of this plan as they would like in their own plans, and customize it as necessary. You do not need to credit the creator(s) as the source of the language used, but using any of the plan's text does not imply that the creator(s) endorse, or have any relationship to, your project or proposal

Copy of Appendix 6: Data Management Plan

Data types and sources

In this project, samples of MgB₂ thin films and Fe-based SC films are measured using a magnetometer. Also, superconducting RF cavities coated with these materials will be tested and the data of the quality factor and surface resistance vs. accelerating gradient will be measured.

Content and format

The data created will be records of samples info and characterization. The data are mostly in electronic format, either word files, ppt files, images, excel spreadsheets and comma delimited raw data.

There will be some hand-written notes, but all important data and notes will be recorded in an electronic format.

Sharing and preservation

The data created in this project will be made available after they have been published, patented, or publicly disclosed in invention disclosures, conferences or seminars. They will be made available through contact with the PI. They can be provided in the forms of electronic copies of notebook pages, raw electronic data files, or electronic processed data files in the forms of figures or tables. There will be no charge for the access to the data. The data created in this project will be governed by LANL's policies regarding intellectual property, record retention, and data management.

Protection

Any re-use and re-distribution of unpublished data require permission by the PI. The data will be preserved indefinitely. The electronic data will be backed up periodically on a hard disk in the PI's lab and office. In addition, the electronic data will also be backed up on a back-up server at LANL. Original laboratory notebooks will be secured in PI's lab and office.

Rationale

Question not answered.

Software & Codes

Question not answered.