

Plan Overview

A Data Management Plan created using DMP Tool

Title: Dirac Materials

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Funder: United States Department of Energy (DOE) (energy.gov)

Funding opportunity number: DE-FOA-0001664

Template: Department of Energy (DOE): Office of Science

Last modified: 07-08-2024

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Dirac Materials

Data types and sources

The sections in the template outline are based on Suggested Elements of a DMP (see Links tab) provided by DOE, but DMPs are not required to follow this template. For the data types and sources suggested element, a brief, high-level description of the data to be generated or used through the course of the proposed research and which of these are considered digital research data necessary to validate the research findings may be included.

Published work will be listed by entry on keyword-searchable ORCID database and approved for public access by link to the publisher.

Content and format

A statement of plans for data and metadata content and format including, where applicable, a description of documentation plans, annotation of relevant software, and the rationale for the selection of appropriate standards. (Existing, accepted community standards should be used where possible. Where community standards are missing or inadequate, the DMP could propose alternate strategies that facilitate sharing, and should advise the sponsoring program of any need to develop or generalize standards.)

Published material available on line will be in pdf or html format (see for example <https://journals.aps.org/prb/abstract/10.1103/PhysRevB.95.205431>), with separate links to graphics and links to cited references.

Sharing and preservation

A description of the plans for data sharing and preservation.

Links to published articles will provide public access for reproduction of figures or graphics.

Protection

A statement of plans, where appropriate and necessary, to protect confidentiality, personal privacy, Personally Identifiable Information, and U.S. national, homeland, and economic security; recognize proprietary interests, business confidential information, and intellectual property rights; and avoid significant negative impact on innovation, and U.S. competitiveness.

Our research does not involve work with human subjects and does not make use of personally identifiable information.

Rationale

A discussion of the rationale or justification for the proposed data management plan including, for example, the potential impact of the data within the immediate field and in other fields, and any broader societal impact.

Following standards in our research community, graphics or datasets will be provided upon request to the corresponding author of any publications supported by this work.

Software & Codes

Both the Advanced Scientific Computing Research and Fusion Energy Sciences program areas address software and codes. Program specifics are listed below.

Our work does not involve development of open source software for distribution.
