



University of
Strathclyde
Glasgow



Adding datasets to Pure

This guide explains how to create dataset records in Pure. Instructions are provided for both datasets deposited in Pure and datasets stored in external repositories. If you require this guidance in an alternative format, please contact the Open Research team at openaccess@strath.ac.uk.

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1 Introduction

There are two ways to add datasets to Pure. If your dataset has been deposited in an external repository and has been assigned a DOI, you can import its metadata via the Data Monitor, as described in the section "Importing Existing Datasets". If you want to deposit your data files in Pure and receive a DOI from the Open Research team, you can create a new record as described in the section "Depositing New Datasets".

2 Importing existing datasets

2.1 When to deposit

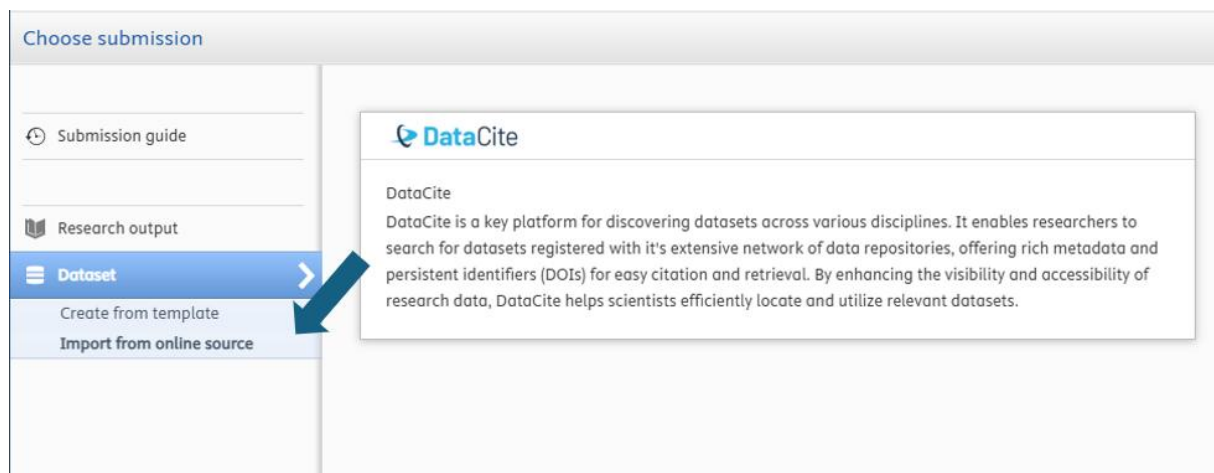
If you have deposited your data files in an external dataset repository, you should also create a reference dataset record in Pure as soon as the dataset's DOI has been activated.

2.2 How to import dataset metadata using Data Monitor

Log in to [Pure](#). From your personal profile, open a Datasets template by clicking the blue "Add Content" button on the right-hand side of the screen.

+ Add content

In the menu on the left-hand side of the new pop-up window, select "Import from Online Source" and click "DataCite".



On the DataCite search window, search for the dataset or software by title or DOI and click on the relevant result when found.

Important: Before importing, check that the dataset does not already exist in Pure. The import feature will not always highlight duplicates.



Import from DataCite

Free text

Title

Author name(s) Organisation name(s)
Use the exact name of the organisation as it appears in DataCite.

DOI Publication year
From → To

1 result ▼ Sort by: ↓ Publication year ▼

CCDC 2537496: Experimental Crystal Structure Determination
Pittalis, Michele, Shiels, Dominic, Stoll, William B., Alvarez, Alejandro, Kölbels, Johanna, Brennessel, William W., Lewis, Rob, Matson, Ellen M., Ruggiero, Michael T., 2026 [10.5517/ccdc.csd.cc2r5gq4](https://doi.org/10.5517/ccdc.csd.cc2r5gq4).

After clicking "**Import**", a new pop-up window for the dataset or software will open. On this screen, check that the suggested authors and their affiliations are correct.

You will be presented with two options:

1. **Import and Review**, which allows you to perform a final check of the dataset or software before saving it. This option also allows you to create links to other content in Pure, such as research outputs, other datasets, and projects.
2. **Import and Save**, which will save the record for review by the Open Research team. The team may get in touch if they have any questions.

3 Depositing new datasets

3.1 When to deposit

Follow these steps to deposit your dataset in Pure and obtain a DOI. More details are provided in the following sections.

3.1.1 When you are about to submit your manuscript:

1. Create a basic dataset record in Pure:

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- At minimum, provide a title, a description, authors with affiliations, a contact person, and the date made available (the year is enough, the Open Research team will fill in the rest of the date) (see the 'How to deposit' sections for more details).
- Examples of descriptions and additional information can be found in the Appendix
- If your data is subject to any legal or ethical constraints or if you are planning to deposit a very large dataset or data files with size over 6GB, please let us know in advance.
- Set the record's status as "Entry in progress" (see 'Status' section for more details).
- Let us know if you require your data to be made public immediately, for example to allow reviewer access. This will help us identify the best option for you.

2. The Open Research team will email you an **inactive** DOI

3. Add the DOI to the manuscript using:

"The research data (and/or materials) supporting this publication can be accessed at [DOI]"

You can find more information about data citation and access statements on the [Research Data management & Sharing website](#).

4. Submit your manuscript

3.1.2 After your manuscript has been accepted and is ready for publication:

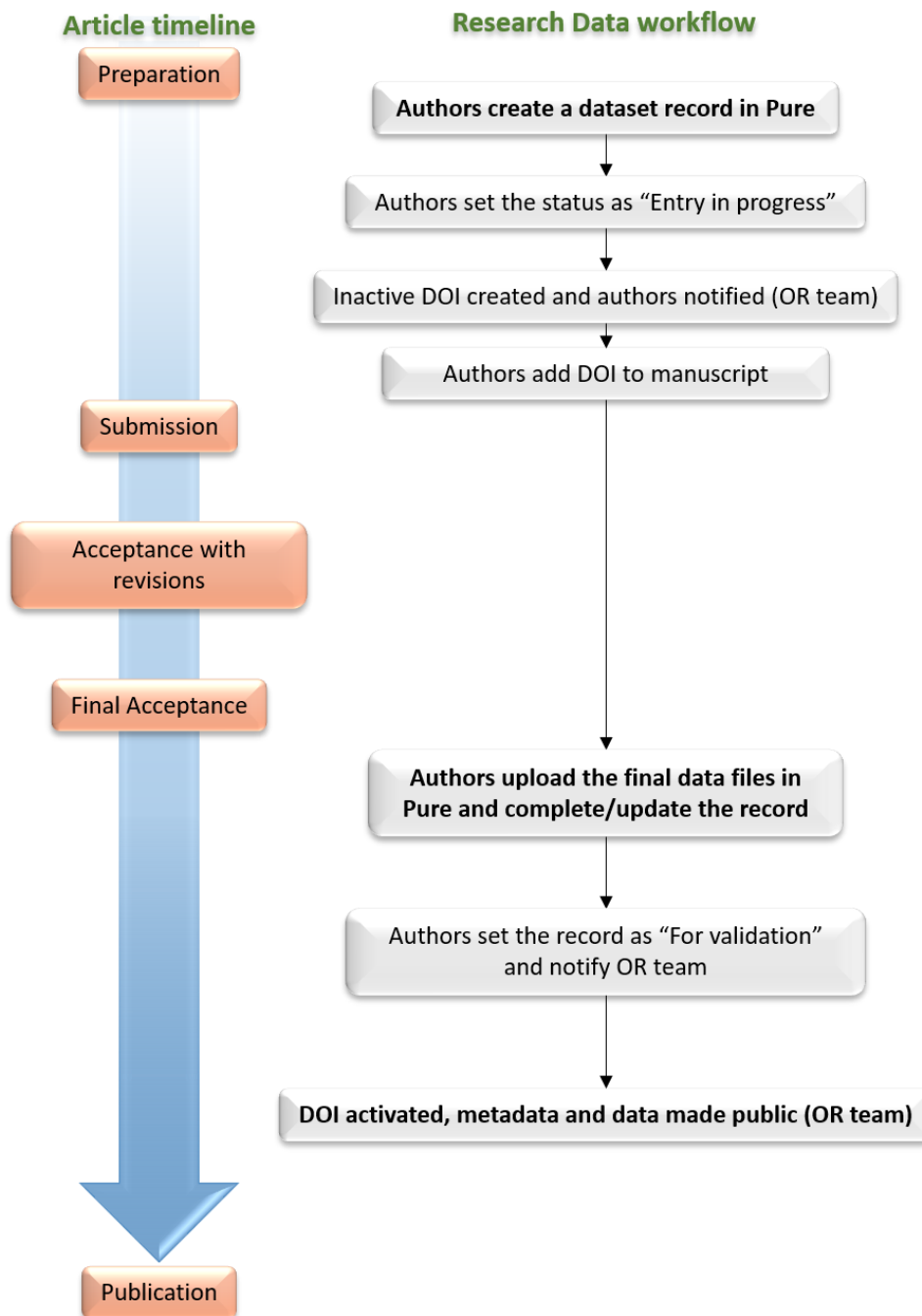
5. Please check:

- the final data files that have been uploaded in Pure (their visibility and if embargo is needed)
- the title, if it is correct
- the list of authors and their affiliations
- the year made available
- the description, if one is not already present
- the keywords, if missing
- the contact person
- the related publication(s) or project(s) have been added.

6. Set the status as "For Validation" (see 'Status' section for more details)

7. Send us an email asking us to activate the DOI and to let us know when and on what terms the data should be published. Please note that after this the metadata and the data files will be made publicly available on the [KnowledgeBase](#). It is important that you notify us if, for any reason, this cannot happen (for example because of a journal policy).

8. If you have set an embargo date on your data files (see the 'Data availability' section for more details), only the metadata will be published and the data files will not appear on the portal until the embargo expires.



3.2 How to deposit

3.2.1 Create a new dataset record

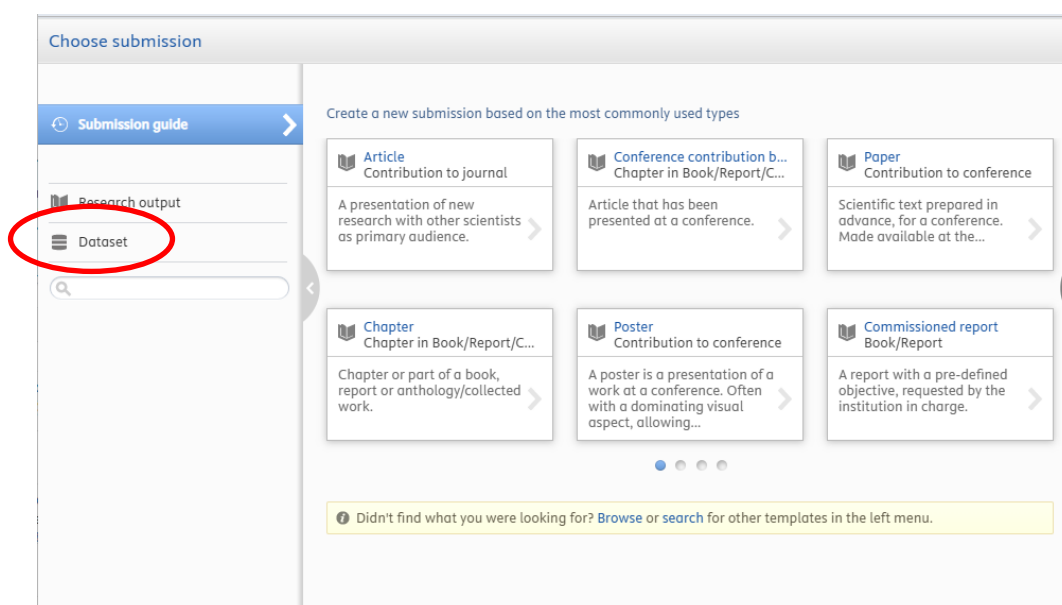
Below is a detailed description of how to deposit data in Pure, a simplified visual representation of these instructions with key highlights is available in the next section.

Log in to [Pure](#). From your personal profile, open a Datasets template by clicking on the blue button labelled "+ **Add content**" which is found on the right-hand side of the screen

Adding datasets to Pure

+ Add content

Then select “**Dataset**” from the “**Choose submission**” window. A new pop-up window will open.



3.2.2 Identification

Title: If the title of the dataset is identical to the title of a related research publication, we recommend using the format: Data for: "..."

Description: a description is required before activating a DOI. The description allows you to provide a comprehensive contextual description of the data. Provide the following details:

- what the data is intended for;
- what was the source of the data;
- how was it collected or created;
- the precise hardware/software used;
- any other significant features that would be useful to a potential re-user of the data.

Date of data production: this can be either the specific date or period of time over which the data have been collected/produced. If the dataset record underpins a project or a grant, their end dates can genuinely describe when the data was produced. If precise dates are not known, using the year alone is acceptable. (Please note that this field becomes mandatory only if one of the two options is selected – it can also be left as ‘not set’).

Date of data production

☒ **Specific date**

Year * Month Day

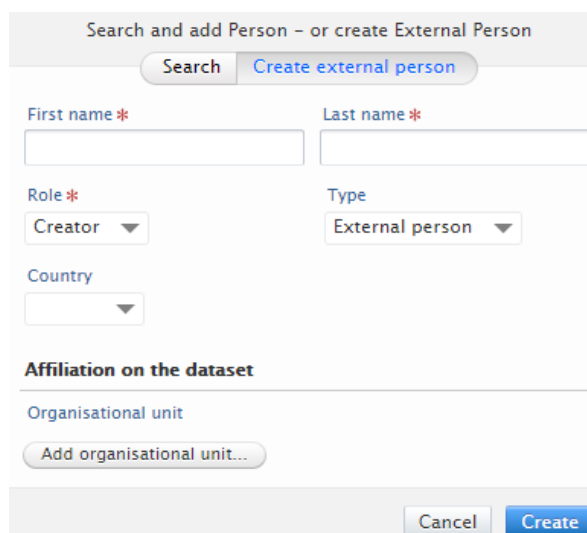
☒ **Period of time**

Year * Month Day – Year Month Day

–

3.2.3 People

This will be pre-populated with your details. You will need to add the remaining authors and their affiliations based on their contribution to the creation of the data files. You can add either internal or external authors by clicking on “Add person...”. By selecting ‘Search’ you will be able to add internal people, while by selecting ‘Create external person’ you will be able to add external contributors. For each person you will need to specify their role in the creation of the data as well as their affiliation institution (please add the institution only, not the department and the address details).



The screenshot shows a web form titled "Search and add Person - or create External Person". At the top, there are two buttons: "Search" and "Create external person". Below these are two text input fields for "First name *" and "Last name *". Underneath are two dropdown menus for "Role *" (currently set to "Creator") and "Type" (currently set to "External person"). There is also a "Country" dropdown menu. A section titled "Affiliation on the dataset" contains a label "Organisational unit" and a button "Add organisational unit...". At the bottom right, there are "Cancel" and "Create" buttons.

3.2.4 Managing organisational unit

This section will be pre-populated with your details. It can be changed to a co-author's internal organisational unit (School) if deemed more appropriate.

3.2.5 Data availability

In this section you will be able to add files and specify other metadata such as publisher, file visibility, licence, and date made available, including an embargo.

Publisher. This is set by default to “University of Strathclyde”. You should leave it as default.

DOI. The Open Research team will provide an inactive DOI. Do not add this DOI to the Pure record. We will activate it once the record is complete.

Electronic data. This is where the files can be uploaded. After having selected the files for upload, the ‘Multiple file upload’ pop-up window will open. Note that the maximum file size is currently set at 6GB and you can upload up to 10 data files. For larger files, please contact the Open Research team at openaccess@strath.ac.uk. If uploading a zipped file containing multiple files, it is recommended that a README file be created and uploaded separately from the zipped file, listing the file names and file formats contained in the zipped file. A simple file list of folders in Windows can be created using the command `dir/s >listmyfolder.txt` from the command prompt. See supplementary guidance from the UK Data Service on [naming and organising files and folders](#).

Adding datasets to Pure

Multiple file upload					
File name	File size	Visibility	Licence	Type	Embargo end date
PureTest_file_1.docx	13 KB	Public - No restriction ▼	CC BY 4.0 ▼	Dataset ▼	
PureTest_file_2.docx	13 KB	Public - No restriction ▼	CC BY 4.0 ▼	Dataset ▼	

Licence – Please choose a licence as this will inform the user on the terms and conditions of use. You can use either Creative Commons or Open Data Commons licences. For more information contact us or visit [Creative Common Licences](#) and [Open Data Commons](#). Please contact the Open Research team if unsure which licence to choose. The CC BY 4.0 is normally applied where no licence is specified.

Type – make sure that the appropriate type is selected. If unsure, select ‘dataset’.

Embargo – you can decide when the files will become visible on the portal. Usually this is left blank and the Open Research team releases the files once the article is accepted and the record has been validated.

Physical data. Here you can describe any physical item that can be made available upon request (e.g. samples, tissues, notebooks, etc.).

Date made available. You can simply add the year and we will fill in the rest when the files are made publicly available.

Access option - For use by the Open Research team.

3.2.6 Licence

As above, please choose a licence as this will inform the user on the terms and conditions of use.

3.2.7 Legal/ethical

Inform the Open Research team if your data are subject to any constraints

3.2.8 Keywords

Add dataset's keywords

3.2.9 Relation to content

In this section, you will be able to make links to other items in Pure. As a minimum, you should link to the related article or [create a record for it](#) (under ‘research outputs’) and any associated grants (under ‘projects’). You can create a link by clicking on the “+” icon and searching by title, Pure ID or grant number. If you need any assistance, please get in touch.

3.2.10 Status

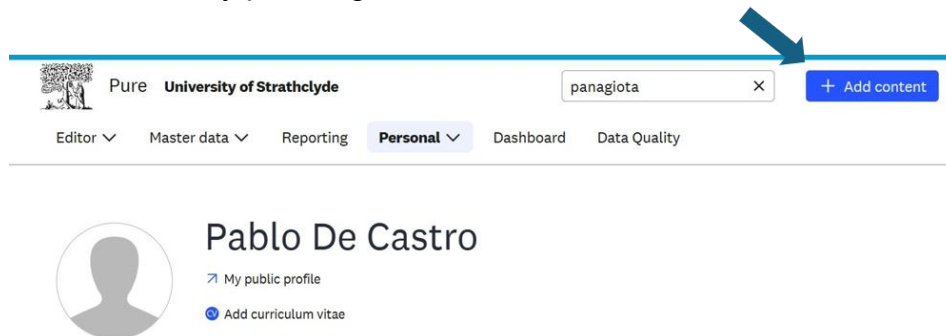
By default, this is set as “For validation”. You should change it to “Entry in progress” for as long as the record is not complete. Once the paper has been accepted, the data files have been finalised and you require the activation of the DOI, please save the record as “For validation”.

3.2.11 Save

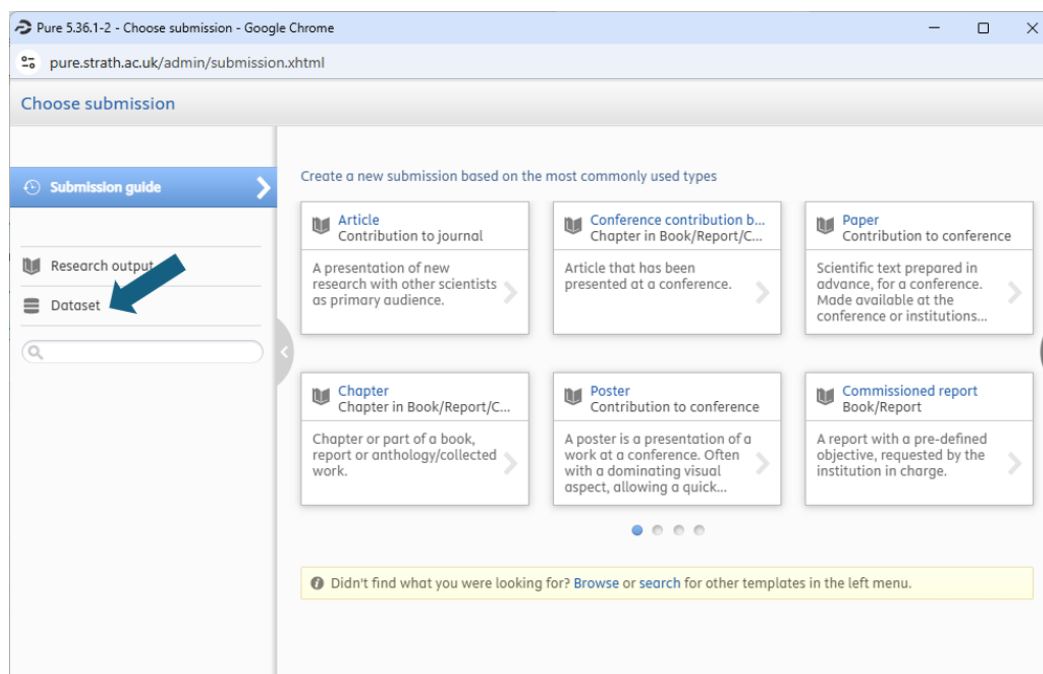
Important: remember to save when done or all the changes will be lost.

3.3 How to deposit – Visualised version

Once you have logged in you will be taken to your Personal page within Pure. To create a dataset record, start by pressing the blue 'Add content' button at the bottom right.



The 'Choose submission' screen will pop up, select 'Dataset' from the left-hand menu, then choose the 'Dataset' option (under Dataset Types).



Identification

Title * Add the title

Description A description of the dataset

Date of data production

☒ **Specific date** Date of productions. Either a specific date or a period of time. Becomes mandatory only if one of the date/period options is selected

Year * Month Day

☐ **Period of time**

☐ **Not set**

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People

People *

 **Pablo De Castro**, Creator
Internal person

Your name will be
prepopulated



Edit ↓ -

 **Is Library And Information Resources**
Organisational unit: Department

 **Panagiota Spanou**, Creator
Internal person

Add person button to add
others. In the pop-up
window, change their role
accordingly in the drop-
down list for "Role"

 **Information Services**
Organisational unit: Department

Add person...

Add organisational unit...

Add author collaboration...

Data availability

Publisher *

 **University of Strathclyde**
Publisher

You should not change the publisher

Change publisher...

A DOI will be assigned by the OR team

Insert DOI (Digital Object Identifier)

Add existing DOI -or-

If you do not have a DOI already one will be
issued during validation where appropriate

Electronic data

This is where datafiles can be uploaded



Drag files or **browse** your computer.

Physical data

Add details of physical data...

Links

Add link...

Embargo end date (if
applicable)

Date made available

Year * Month Day

Adding datasets to Pure

Pop-up window after data uploading

File name	File size	Visibility	Licence	Type	Embargo end date
PureTest_file_1.docx	13 KB	Public - No restriction	CC BY 4.0	Dataset	
PureTest_file_2.docx	13 KB	Public - No restriction	CC BY 4.0	Dataset	

If you do not select a licence, we will apply a CC-BY

Choose Type – if unsure select “dataset”

Embargo end date (if applicable)

Access contact details ⓘ

Contact person



Add a contact person

Access and compliance ⓘ

Access options

Not set

License

No value

If you do not select a licence, we will apply a CC-BY

Legal/ethical ⓘ

Is the data subject to any of the following constraints?

- ☐ Data protection
- ☐ Ethical approval
- ☐ Commercial constraints
- ☐ Sensitive (Animal, tobacco, security sensitive, GMO, stem cell)

It is essential that you inform us in advance of any constraints on data sharing

Keywords ⓘ

KEYWORDS

Add Keywords

Adding datasets to Pure

Relations to other content

Projects



Link any relevant projects

Facilities/Equipment



Student thesis



Research outputs



Link any relevant research outputs

Activities



Impacts



Datasets



Link any relevant dataset/software

Prizes



Visibility

☐ Public - No restriction ▼

Change the status to Entry in Progress

Status: Entry in Progress ▼

Save

Always Save!

Visibility

☐ Public - No restriction ▼

Change it back to For validation upon the paper's acceptance

Status: For validation ▼

Save

Always Save!

4 University Advice and Guidance

Resource	URL
University RDMS website	Research data management & sharing University of Strathclyde
Contact us	Email - openaccess@strath.ac.uk ; panagiota.spanou@strath.ac.uk
Licences	http://creativecommons.org/ ; http://opendatacommons.org/
Pure	https://pure.strath.ac.uk/admin/
Research Portal/ KnowledgeBase.	https://pureportal.strath.ac.uk/en/
General Pure enquiries	Pure Live System - pure@strath.ac.uk

5 Appendix

When depositing your data, you should provide enough information so that users can interpret and use the data. This includes what type of files are attached and in which formats, if proprietary software is required (provide details) and any other relevant information that can help the user understand the datasets. This can take the form of a simple description (in the "Description" field), a more comprehensive ReadMe.txt file, or both. You should include basic information on the methodology employed to acquire the data (online surveys, paper surveys, instrumental analyses, etc.) together with type of files, their formats and what software is required to open, visualise and analyse them. If you have any questions or would like some help, please do not hesitate to get in touch.

5.1 Example of Description

This dataset contains all the data used to produce the article entitled "3D waveforms and patterning behavior in thin monodisperse and multidisperse vertically-vibrated layers" (Granular Matter). The data pertaining to each figure in the paper is presented in the attached folder and named accordingly. The provided data files are for DEM simulations conducted with ROCKY software and require this software to access and run the simulation files to produce the data the figures are based on. Full simulation files are available upon request but aren't available here due to limits in file size.

5.2 Example of ReadMe.txt file

This dataset contains six Excel spreadsheets which represent data associated with the figures for the related manuscript, "High-Resolution Atomic Magnetometer-Based Imaging of Integrated Circuits and Batteries". Figure descriptions are provided below.

Figures 2(a-c)

Hilbert transform-based frequency extraction technique showing (a) Raw FID data with inset displaying application of matched FIR filters, and (b) Filter frequency responses and gain ratio over desired passband, and (c) Linear fit to instantaneous phase data and associated residuals including for an model using an extra exponential term.

Figure 3

Amplitude spectral density comparison of magnetometer output using a MEMS scanning micromirror versus a static mirror, showing optimal $\text{sub-pT}/\sqrt{\text{Hz}}$ sensitivity with static optics and elevated noise at ~ 330 Hz due to micromirror resonance coupling to magnetic field gradients.

Figures 4(a-d)

Magnetic field gradient measurements inside the shielded environment for two coil configurations: (a) Measured and (b) simulated distributions for a custom-made coil pair; (c) Measured distribution from the integrated solenoid coil of the shield, and (d) Gradient-nulled field distribution after applying built-in gradient cancellation coils.

Figures 5(b-h)

Magnetic imaging of a PCB with alternating copper tracks including: (b) Simulated field distribution from Biot–Savart law; (c–e) Measured field maps for DC currents of $2\ \mu\text{A}$, $10\ \mu\text{A}$, and $100\ \mu\text{A}$, respectively; (f–h) Corresponding AC current field maps at 111 Hz. Images normalized by applied current yield the magnetic gain parameter G_B .

Figures 6(a-b)

Magnetic field streamlines and magnitude from a bridge rectifier IC under opposite current polarities: (a) Negative bias current, and (b) Positive bias current.

Figures 7(a-c)

Magnetic imaging of a multilayer ceramic battery: (a) Spatial field distribution during $100\ \mu\text{A}$ discharge, (b) Corresponding distribution during charging, and (c) Temporal evolution of discharge current and integrated magnetic flux over discharge cycle.