



LUDWIG-  
MAXIMILIANS-  
UNIVERSITÄT  
MÜNCHEN

UNIVERSITY LIBRARY / DIGITAL SERVICES / RDM INFORMATION



# LMU and UGA Libraries: Emerging Trends in Research Data Management

## Lightning Talk “RDM Networking”

Martin Spenger  
29.02.2024



# RDM @ LMU

The following facilities can help with certain aspects in the field of RDM:

- Central University Administration
  - [Division VIII: Strategy, Research, Junior Academics](#)
- Scientific and service institutions
  - [Open Science Center \(Newsletter\)](#)
  - [GraduateCenter](#)
  - [ITG/Service Center FDM-DH](#) (subject specific support for the Humanities)
  - [University Library LMU](#)
- External
  - Leibniz Supercomputing Centre (LRZ)
    - GitLab: <https://gitlab.lrz.de>
    - Sync & Share: <https://syncandshare.lrz.de/>
    - Server & Storing



# RDM Information @ University Library LMU



- Founded in December 2020
- Team members are from different departments of the University Library
- Tools and infrastructure in the area of RDM
  - Data Management Plan-Tool [RDMO](#)
  - Repositories: [Open Data LMU](#) and [Discover](#)
- Persistent Identifier Services and DOI Registration
- RDM specific advice and training
  - Individual consulting for all LMU members
  - Workshops & lectures
  - Training material and tutorials

Contact: [rdm@ub.uni-muenchen.de](mailto:rdm@ub.uni-muenchen.de)



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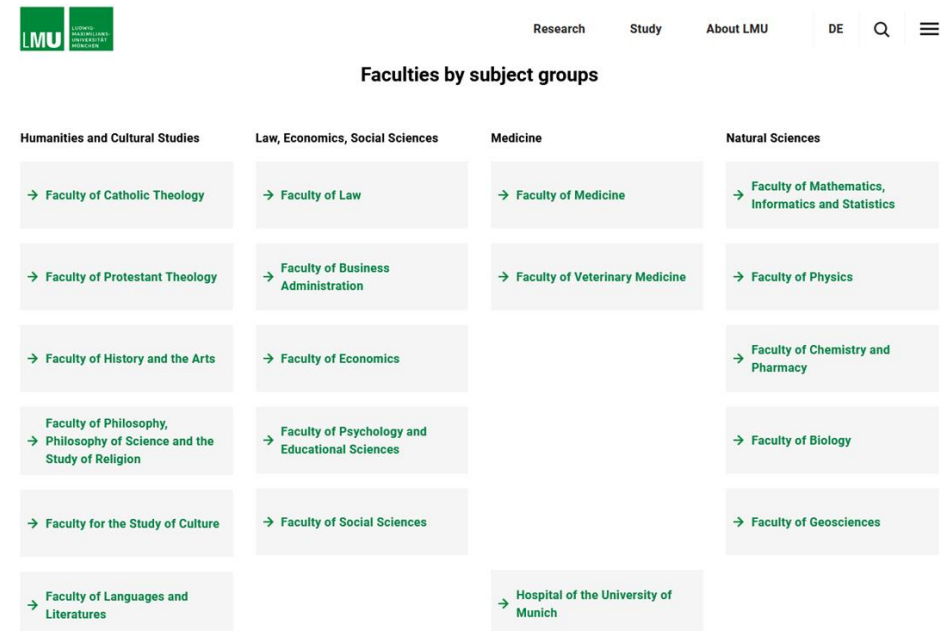


Pauline Aldenhövel

# RDM Information @ University Library LMU

- Diverse target groups:
  - Students
  - Doctoral students/postdocs
  - Research assistants
  - Professors
  - Employees in libraries/administration

- From various disciplines:



The screenshot shows the LMU website header with navigation links: Research, Study, About LMU, DE, a search icon, and a menu icon. Below the header is the title "Faculties by subject groups". The content is organized into four columns representing subject groups: Humanities and Cultural Studies, Law, Economics, Social Sciences, Medicine, and Natural Sciences. Each column contains a list of faculties with a green arrow icon pointing to the faculty name.

Humanities and Cultural Studies	Law, Economics, Social Sciences	Medicine	Natural Sciences
→ Faculty of Catholic Theology	→ Faculty of Law	→ Faculty of Medicine	→ Faculty of Mathematics, Informatics and Statistics
→ Faculty of Protestant Theology	→ Faculty of Business Administration	→ Faculty of Veterinary Medicine	→ Faculty of Physics
→ Faculty of History and the Arts	→ Faculty of Economics		→ Faculty of Chemistry and Pharmacy
Faculty of Philosophy, → Philosophy of Science and the Study of Religion	→ Faculty of Psychology and Educational Sciences		→ Faculty of Biology
→ Faculty for the Study of Culture	→ Faculty of Social Sciences		→ Faculty of Geosciences
→ Faculty of Languages and Literatures		→ Hospital of the University of Munich	

# Providing services

- In training and consultation:

**DATA MANAGEMENT HALLOWEEN ESCAPE ROOM**

First contact with research data and can't make heads or tails of data management?

Try an online escape room: Meet people from different universities and fields. Win bragging rights. Have fun and maybe, just maybe, even learn a thing or two.

Guided tours! Only on 31.10.2023 at 9:00 a.m. (s.t.)

Follow this link: <https://lmu-munich.zoom.us/j/96207187878?pwd=UWpwcU9pdHhNN1hFeEZCZGhJbnRvVHh1MwK>

**Academic Pop-Up Lab**

As a student or doctoral candidate, you're probably spending hours in one or more of the many subject libraries all over the city working hard on your academic writing projects. Whether you're working on a short term-paper or a final thesis, you may well encounter challenges, difficulties and questions in the course of the weeks and months. The University Library and the LMU Writing Center have got together to create the Academic Pop-Up Lab, offering a comprehensive service to students and doctoral candidates from all departments. Through workshops and individual consultancy services, the University Library and the Writing Center are able to bring their expertise directly to you on-site in your subject library.

**Content**

A 45-minute workshop on a topic tailored to the appropriate discipline followed by an open consultancy session offered jointly by the University Library and the Writing Center. Take advantage of the one-on-one meetings to ask the staff of both institutions your questions on literature searching, or discuss with them any problems you may have about writing academic papers.

**Target group**

Students and doctoral candidates

**Research data management**  
University Library Services

Research data management (RDM) requires individual planning of the processes involved in the collection, publication, archiving and re-usability of the data. Research data includes all digitally available data generated during the research process.

The University Library can offer you RDM support in the following areas:

- RDM HELP CENTRE**
  - Centre support points for enquiries about RDM
  - Advice for students and researchers
  - Support in integrating RDM content into research and teaching
  - Assistance with the design of RDM work-flows
- DATA MANAGEMENT PLANS**
  - Support in the creation of data management plans (DMP)
  - Provision of the web-based tool RDMO (Research Data Management Organizer) for the creation of DMPs
  - RDMO will help you with project planning and data management task organisation over the entire data lifecycle, providing categories of questions based on the requirements of individual research funding organisations and specialist disciplines
- PUBLISHING RESEARCH DATA**
  - Long-term availability and storage of research data
  - Publishing research data on "Open Data LMU"
  - Permanent citability through the allocation of DOIs
  - High data re-usability

**CONTACT**  
forschungsdaten@ub.uni-muenchen.de

Further information: [www.ub.uni-muenchen.de/writing/research\\_data](http://www.ub.uni-muenchen.de/writing/research_data)

- In infrastructure

**LMU OPEN DATA LMU**

LMU MUNICH UNIVERSITÄT MÜNCHEN

UB

FAKULTÄTEN FACHGEBIETE PERSONEN

Open Data LMU

Auf "Open Data LMU" finden Sie 188 Forschungsdatensätze aus wissenschaftlichen Projekten, die an der LMU angelegt sind. Weitere Informationen über Open Data LMU erhalten Sie hier.

Die neuesten 5 Datensätze:

- Staudigl, Tobias: Data for: Griffin et al.: Electrophysiological signatures of vertical head direction in humans. (2024, Nature Human Behaviour). 7. Februar 2024. Open Data LMU. 10.5282/ubm/data.439
- Ludwig-Maximilians-Universität München Ballhausen, Hendrik und Li, Mingjun und Belka, Claus: Prostate intra-fraction motion data recorded by transperineal ultrasound (ProMotion LMS dataset, 2024 edition). 9. Januar 2024. Open Data LMU. 10.5282/ubm/data.428
- Krueger, Tanja und Jimenez Soto, Luisa F. und Kokudarov, Ivan: Not all bosons are the same: Dataset and Analysis. 8. November 2023. Open Data LMU. 10.5282/ubm/data.423

**UB Discover**

Discover provides access to research data from projects related to LMU Munich, which are stored and preserved in repositories of the University Library.

If you need more information about how to browse on this site, take a look at our [help page](#).

Learn more about research data in general and further research data management services of the University Library.

Discover...

**Verba Alpina**

Verba Alpina investigates the Alpine region, which is linguistically highly fragmented, in its historico-cultural and historical linguistic unity in a selective and analytical way.

[Search all](#) [Learn more about Verba Alpina](#)

**Open Data LMU**

With Open Data LMU, the for the publication of res

[Search all](#)

**Digital Collections**

With the Digital Collections, the University Library provides a platform for the historic holdings of the University Library Munich (LMU), e. g. manuscripts, old printings and incunabula.

[Search all](#) [Collection Overview](#)

**Open Data LMU - Physics**

Search

Via this portal, large-volume datasets generated at the Physics Department of Ludwig-Maximilians-Universität München (LMU) are published according to the [FAIR principles](#). Feel free to search in the box above!

**Recent Uploads**

Data for: Real-frequency quantum field theory applied to the single-impurity Anderson model

Ge, Anxiang ; Ritz, Niromoni ; Walter, Elias ; Aguirre, Santiago ; von Dell, Jan ; Kugler, Fabian

2023 [Dataset](#) [Metadata-only](#)

A major challenge in the field of correlated electrons is the computation of dynamical correlation functions. For comparisons with experiment, one is interested in their real-frequency dependence. This is difficult to compute, as imaginary-frequency data from the Matsubara formalism require...

single-impurity Anderson model [Rakibul Karim](#)  
 dynamical correlation functions [Rakibul Karim](#)  
 functional renormalization group [paragot equator](#)  
 parquet approximation [numerical renormalization group](#)  
 spinon field theory [correlated electrons](#) [many-body physics](#)

Updated on February 15, 2024

# RDM Networks

## Examples ...

### ... at local level (Munich):

- [rdmuc](#) (research data management in Munich)

### ... at local level (Bavaria):

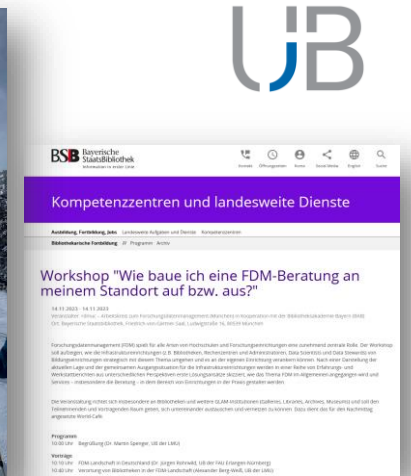
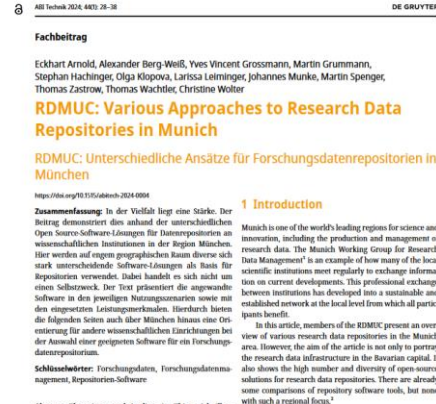
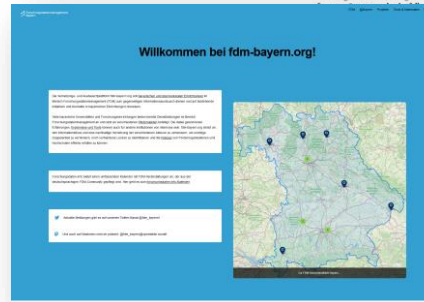
- [FDM-Bayern](#) (network of institutions providing RDM services)

### ... at national level (Germany):

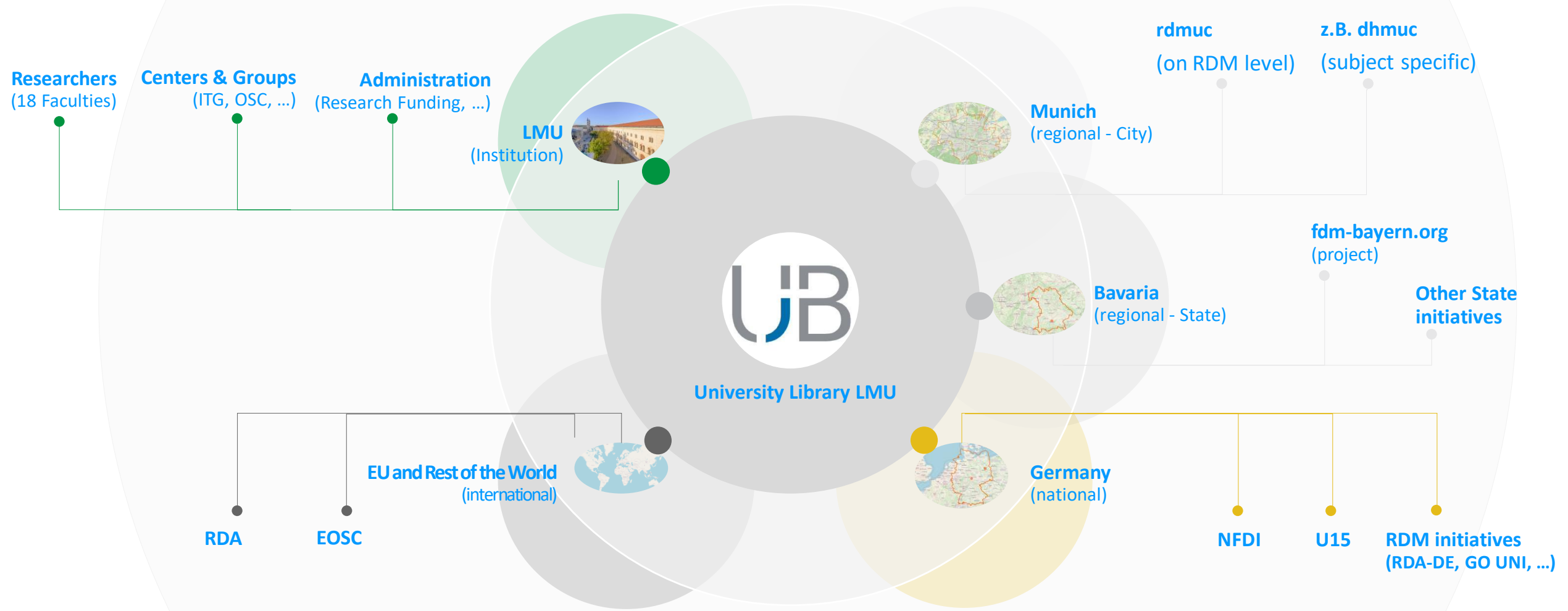
- [NFDI](#) (National Research Data Infrastructure) and different associated working groups

### ... at international level:

- [Research Data Alliance](#) (RDA)
- (International) Love Data Week
- events like today



# RDM Networks



LMU

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UB

# Thank you!

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