# RDM School of Catalysis

NFDI4Cat

Start Time: Monday, July 31, 2023 08:00 am

End Time: Wednesday, August 2, 2023 04:00 pm

BEL 301
Marchstraße 6, 10587 Berlin

Research data management (RDM) is the key concept to transfer research in catalysis and catalysis related science into a digital future and hence, to generate FAIR (Findable, Accessible, Interoperable, Reusable) data. In five interactive modules, the RDM School of Catalysis wants to convey the most important aspects of research data management, from basics of RDM to legal particulars. The workshop will cover all relevant aspects of RDM in the applied workflows in catalysis as well as practical advice, guidelines and tools, such as electronic lab notebooks. As the workshop is beginner friendly, no prior knowledge of RDM is required.

**RDM Basics**

Learn about the key factors of RDM, metadata, the life cycle of data and first steps to integrate RDM into the workflow.

**Data Modelling and Databases**

Describes basic concepts of data modelling, databases, and uses of databases in research.

**Data Management Tools and Plans**

Create plans for data management, requirements from funding agencies, tools and guidelines for FAIR RDM in research.

**Publication and Legal Issues**

Methods and aspects of the publication of data, laws, agreements and policies in RDM.

**Networking and Presentation**

Strategies and legal aspects of the reuse and sharing of data, repositories and options to gain

visibility.

**Registration via mail at** rdm(at)unisyscat.tu-berlin.de

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Organizer