



# Hands-on with Research Data Management in Chemistry

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**Day 2**

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**EDCH-RDM, 2025**

	2025 – 02 – 25	2025 – 02 – 27	2025 – 03 – 06
<b>Morning</b> 9:00-12:30	1. [1h] <b>Theory 1</b>	5. [1h] <b>Tools 2</b>	9. [1h] <b>Theory 3</b>
	2. [3h] <b><i>Patiny</i></b>	6. [3h] <b><i>Dürr</i></b>	10. [3h] <b>Theory 4</b>
LUNCH BREAK			
<b>Afternoon</b> 13:15-17:00	3. [1h] <b>Tools 1</b>	7. [3h] <b>Hands-on: Data workflow</b>	11. [3h] <b>Hands-on: Project / Report</b>
	4. [3h] <b>Theory 2</b>		
		8. [1h] <b>Feedback 1</b>	12. [1h] <b>Feedback 2</b>

+ short breaks every 1-2 hours

# Data actions in your project

ACTIVITIES	COLLEAGUE / PARTNER	TOOLS	TO-DO
FUNDING PLANNING			
CREATION			
ETHICAL CLEARANCE			
ACQUISITION			
STORING			
ANALYSIS			
LEGAL CLEARANCE			
SHARING			
PUBLISHING			
ARCHIVING			

**Did you fill  
some?**

# Online documentation: **Exercise** [~40 min + discuss.]

## 1. [5'] Familiar with your groups's tool



Group 1: [protocols.io](https://protocols.io)



Group 2: [hackmd.io](https://hackmd.io)



Group 3: [noto.epfl.ch](https://noto.epfl.ch)



Group 4: [drive.switch.ch](https://drive.switch.ch)

BY GROUPS

Disposable emails:

- [mailsac.com](https://mailsac.com)
- [disposeemail.com](https://disposeemail.com)
- [inboxkitten.com](https://inboxkitten.com)

## 2. [20'] Write a protocol

- Focus on reproducibility
- From recorded data to data publication
- ... to data publication
- Try to include some common file formats

**Just a  
short reminder**

## 3. [5'] Evaluate the software you used:

3. Who is this **specific software** for?
4. Which **difficulty** in documenting?
5. Which **advantage** in documenting?

[go.epfl.ch/online-RDM-doc](https://go.epfl.ch/online-RDM-doc)



# Exercise [~40 min]

1. [20'] **Get to know the dataset** you were assigned and answer the 4 questions

Datasets & Questions

[check Moodle](#)



INDIVIDUALLY

2. [10'] **Compare your answers** with your group and choose what to highlight

4 GROUPS

3. [10'] **Each group presents their dataset** and its main features / qualities / flaws:

ONE PERSON PER GROUP [2 MINS / P]