

# Open and Reproducible Data Science and Statistics

**CELEBRATE OUR  
3rd  
BIRTHDAY WITH A WORKSHOP AND  
NETWORKING ON REPRODUCIBILITY AND OPEN  
SCIENCE**

01.12.2023

University of Rostock, Main Building, Room 104

9am to 5pm

Registration: [stat-consult@fhn-dummerstorf.de](mailto:stat-consult@fhn-dummerstorf.de)



# PROGRAM

## 9:00 WELCOME

*Welcome at the University of Rostock*

## 9:15 KEYNOTE: QUALITY RESEARCH NEED GOOD WORKING CONDITIONS

*Rima-Maria Rahal (Social psychologist & Open scientist, Max Planck Institute for Research on Collective Goods)*

## 10:00 BREAK

## 10:15 HANDS-ON WORKSHOP: IMPROVE COLLABORATION USING GIT AND GITLAB - PART 1

*Tobias Schlauch (Research Software Engineer, German Aerospace Center - Helmholtz Association)*

## 12:15 LUNCH BREAK

## 13:00 INPUT: FIVE SELFISH REASONS TO JOIN AN OPEN SCIENCE INITIATIVE

*Esther Plomp (Data Steward, Delft University of Technology - The Netherlands)*

## 13:30 HOW WE CAN IMPROVE NETWORKING IN MECKLENBURG-VORPOMMERN?

*all participants*

## 14:30 HANDS-ON WORKSHOP - PART 2

*Tobias Schlauch (Research Software Engineer, German Aerospace Center - Helmholtz Association)*

## 16:30 FAREWELL

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# HANDS-ON WORKSHOP

## IMPROVE COLLABORATION USING GIT AND GITLAB

Join us for an exciting hands-on Git/GitLab workshop! You will dive into the world of version control, Git, and collaboration using GitLab. Whether you're a beginner or an experienced coder, this event is designed to enhance your programming skills and collaboration capabilities. This workshop is perfect for data scientists and scientific programmers from all research areas.

What to expect:

- How to participate in a GitLab project.
- Using a access token to authenticate.
- Exercises to practice Git operations.
- Collaboration and version control best practices.

*Tobias Schlauch works as a Research Software Engineer at the Institute for Software Technology at the German Aerospace Center (DLR).*

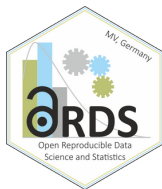


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## ORDS-MV NETWORK

**Open Reproducible Data Science and Statistics (ORDS) is a scientific network in Mecklenburg-Vorpommern.** Its goal is to bundle regional expertise in the fields of data analysis and statistics with open and reproducible science. The focus is on the exchange of expertise between doctoral candidates and postdocs, but all other interested scientists are also welcome.

Due to the interdisciplinary character of modern data-driven science, the network explicitly addresses all disciplines. Besides general questions of data analysis, statistics and reproducibility, the network also focuses on programming environments such as R and Python. While R is mainly used for statistical data analysis and data visualization, Python is especially common in the application of machine learning methods. Besides the actual data analysis, another central point is the management and versioning of data and source code. Modern tools such as the Git version control system, Jupyter notebooks and Docker containers can be used for this purpose.

We want to meet at regular intervals and inform each other about current projects and methods in the field of data analysis and statistics. Furthermore, we will organize seminars, workshops and other events.

More details:

<https://ords-mv.github.io>

Mailing list:

<https://www.listserv.dfn.de/sympa/subscribe/ords-mv>