

Open and reproducible neuroimaging:

Integration of community developed tools from data acquisition to publication

Contributions

Introduction



Jochem Rieger | Carl von Ossietzky University Oldenburg
Introduction



Agah Karakuzu | Polytechnique Montréal
[Building transparent MRI workflows: From scanner to publication](#)

Prerequisites: Preregistration , power analysis, consent forms & data sharing

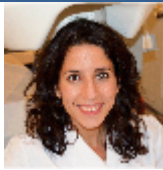


Rotem Botvinik-Nezer | Dartmouth College
[The Neuroimaging Analysis Replication and Prediction Study \(NARPS\)](#)



Cyril Pernet | University of Edinburgh
[Open science before collecting data: ethical issues in consent and legal solutions](#)

Data management: BIDS, Data storage and retrieval



[Guiomar Niso](#) | Universidad Politécnica de Madrid

[BIDS: a data standard for open and reproducible neuroimaging](#)



[Taylor Salo](#) | Florida International University

[BIDS for MRI: Structure and Conversion](#)



[Stefan Appelhoff](#) | Max Planck Institute for Human Development

[BIDS for MEEG: Conversion tools and validation](#)



[Michael Hanke](#) | Forschungszentrum Jülich

[Data...](#)



[Adina Wagner](#) | Forschungszentrum Jülich

[..Lad](#)

Making more of your outcomes



[Camille Maumet](#) | Inria, Univ Rennes, CNRS, Inserm

[Sharing more than research papers for transparent and reusable research](#)



Nazek Queder | University of California

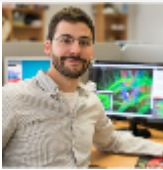
[NIDM-Terms: A Community-Driven Controlled Vocabulary of Brain Initiative Imaging Experiments](#)

Data processing



Chris Markiewicz | Stanford University

[BIDS Applications and Derivatives](#)



Oscar Esteban | Stanford University

[Building communities around reproducible workflows](#)



Marijn van Vliet | Aalto University

[MNE-Python: you don't have to solve every problem by yourself](#)



Jo Etzel | Washington University in St. Louis

[Containers from the outside: experiences and suggestions for managing python and pipelines](#)



Alejandro de la Vega | The University of Texas

[Reproducible statistical model specification and fitting in the BIDS ecosystem](#)



Karolina Finc | Nicolaus Copernicus University

[Introduction to fMRI data analysis with Nilearn](#)