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...

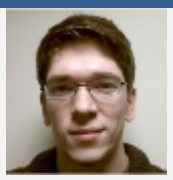
Adina Wagner| Forschungszentrum Jülich
...Lad

Making more of your outcomes

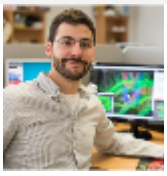
Camille Maumet | Inria, Univ Rennes, CNRS, Inserm
Sharing more than research papers for transparent and reusable research

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