

Abstract FIV-Projekt

Projektverantwortliche

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Die Bedeutung von Open Science und Research Integrity für den wissenschaftlichen Fortschritt (Ringvorlesung)

In this lecture series we will first give an overview on open science and reproducible research. Then we will look at these topics from different perspectives - from a psychological point of view (how has the replication crisis changed research in psychology and psychosocial medicine); from a clinical point of view (how clinical research addresses the topics of reproducibility); from an open data and open publishing point of view (how we can make sure that our data are accessible and our publications are readable in the future); from a methodological point of view (what are important tools to achieve reproducible science and finally we will round up things talking about the importance of scientific integrity.

Introduction to Open Science and Replication (PD Dr. Schulte-Mecklenbeck)

Psychology's Renaissance? (PD Dr. Hupfeld-Heinemann)

Research in psychosocial medicine (Prof. Kaess)

Clinical Research in the 21st century - reproducible and replicable?(PD Dr. med. Trelle)

Open Data und Open Source Software. (Dr. Stürmer)

Open Publishing (SNF, Horizon2020 ...) (J. Morger)

Methods for reproducible science: osf.io / git / Markdown (PD Dr. Schulte-Mecklenbeck)

Scientific Integrity (Prof. Dr. Ochsenreiter + Urs Feller)

The lecture is setup in four hour blocks with leading experts in a variety of fields taking turns to introduce their perspectives on open science.