

Practicalities for Reproducible Neuroimaging

Organizer:

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For the last few years, many articles have been describing issues of reproducibility in science and neuroimaging is likely to be affected by the same problems. The goal of this course is to present practical solutions that have been developed, allowing any researchers (not just programmers) to conduct experiments, analyze data and publish results in a reproducible manner.

Course Schedule:

13:00-13:40

The ins and outs of study pre-registration

Pia Rotshtein, University of Birmingham, Birmingham, United Kingdom

13:40-14:20

Statistical challenges for reproducibility

Cyril Pernet, University of Edinburgh, Edinburgh, United Kingdom

14:20-15:00

Making analyses reproducible with limited programming skills

Pierre Bellec, Institut universitaire de gériatrie de Montréal, Montréal, Canada

15:00-15:10

Break

15:10-15:50

How to organize and share data easily and at low cost.

Chris Gorgolewski, Stanford University, Stanford, CA, United States

15:50-16:30

What needs to be reported for reproducible studies?

Tonya White, Erasmus MC-Sophia, Rotterdam, Netherlands