Three-day crash course in Open Science – programme v2
Hybrid lectures & workshops

Day 1: Tuesday 27.09.2022

09:30 - 09:45 Welcome (Malika Ihle [LMU OSC](#) + [SORTEE](#))
09:45 - 10:45 **Lecture**: Intro to the reproducibility crisis and open science (Tim Parker)
10:45 - 11:00 Coffee break
11:00 – 12:00 **Lecture**: Credible research with preregistration and reproducible workflows (Malika Ihle)

12:00-13:15 Lunch break

13:15 – 14:15 **Lecture**: Open data to promote transparency and reproducibility (Dom Roche)
14:15 – 14:30 Coffee break
14:30 – 16:30 Workshop: Introduction to the Open Science Framework (Dom Roche, Tim Parker)

 Day 2: Wednesday 28.09.2022

09:30 – 10:30 **Lecture**: Meta-analyses and biases (Rose O'dea)
10:30 – 10:45 Coffee break
10:45 – 11:45 **Lecture**: Bias against the null hypothesis and best practices in statistical design (Wolfgang Forstmeier)

11:45-13:00 Lunch break

13:00 – 15:00 Workshop: Introduction to simulation of data and data analyses in R (Malika Ihle)
15:00 – 15:15 Coffee break
15:15 – 17:15 Workshop: Common mistakes in statistics (Wolfgang Forstmeier)

Day 3: Thursday 29.09.2022

09:30 – 10:30 **Lecture**: Research Data Management basics and LMU services (LMU RDM HelpDesk)
10:30 – 10:45 Coffee break
10:45 – 11:45 Workshop: Reproducible workflows using Git/GitHub and RStudio – set up (Malika Ihle)

11:45-13:00 Lunch break

13:00 – 15:00 Workshop: Reproducible workflows using Git/GitHub and RStudio (Malika Ihle)
15:00 – 15:15 Coffee break
15:15 – 16:30 Workshop: Preregistration: Why not, How (Malika Ihle)