**Syllabus: „Planning and Conducting a Psychology Experiment“**

**Instructors:** Philipp Berger¹, Joelle Schroen¹, Clara Schüler², Marie Speiger², Anna-Lena Tebbe²

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Lectures are from 12:15 till 13:45 every Friday

This seminar is planned as a hybrid: Some lectures will take place online via zoom (details to follow) and some in presence (see details below)

**Session 1** – 15. Oktober 2021 (presence)
General Introduction / Introduction to Experimental Design
Instructor: Philipp

**Session 2** – 22. Oktober 2021 (presence)
Introduction to Experimental Design - Practical Examples
Instructor: Philipp

**Session 3** – 29. Oktober 2021 (presence)
Types of Designs & Experimental Techniques
Instructor: Joelle, Anna-Lena

**Session 4** – 05. November 2021 (presence)
Types of Designs & Experimental Techniques - Practical Examples
Instructor: Joelle, Anna-Lena

**Session 5** – 12. November 2021 (presence)
Introduction to Experimental Programming (Behavior & Neuro)
Instructor: Joelle, Anna-Lena

**Session 6** – 19. November 2021 (online)
Setting up an Online Experiment in Labvanced (I)
Instructor: Clara, Marie

**Session 7** – 26. November 2021 (online)
Practice Week (individual meetings possible)

**Session 8** – 03. Dezember 2021 (online)
Setting up an Online Experiment in Labvanced (II)
Instructor: Clara, Marie

**Session 9** – 10. Dezember 2021 (online)
Data Collection (individual meetings possible)

**Session 10** – 17. Dezember 2021 (presence)
Introduction to Analysis of Results with R (I)
Instructor: Philipp
- Christmas and New Year –

Session 11 – 07. January 2021 (presence)
Introduction to Analysis of Results with R (II)
Instructor: Philipp

Session 11 – 14. January 2021 (presence)
Introduction to Reporting and Visualization Techniques
Instructor: Philipp

Session 12 – 21. January 2021 (presence)
Wrap-Up
Instructor: Philipp

Semester ends on 5th February