Day 1 & 2:
Target group: all employees of the research unit, if there are free places, participation is also possible for external associates

Venue: HU Berlin, Institut für Psychologie, Rudower Chaussee 18, 12489 Berlin, glass building, 1st floor, seminar room 1.101

Day 3:
Target group: all staff members of the research unit

Venue: HU Berlin, Hochschulambulanz für Psychotherapie, Justus-von-Liebig-Straße 7, 12489 Berlin

Please register for all events until 31.08.2023 under:
https://terminplaner6.dfn.de/b/cc148848500096d5fd0130cc624ca971-273561

FOR 5187: ANNUAL WORKSHOP 2023

Freie Universität Berlin

Psychologische Hochschule Berlin

CHARITÉ

FOR 5187
PREACT

RESEARCH UNIT 5187
ANNUAL WORKSHOP 2023

October 11-13 '23

WORKSHOP DAY 1
WEDNESDAY, 11.10.2023:
MACHINE LEARNING

9.00 - 13.00: Machine Learning
Speaker: Dr. Kevin Hilbert

At the beginning, Machine Learning will be classified as a promising tool for Precision Mental Health. In addition, basic conceptual aspects of Machine Learning will be discussed. Afterwards, a typical Machine Learning pipeline will be looked at in more detail and selected elements of such a pipeline will be discussed. In the practical part, first steps are taken and an attempt is made to implement a machine learning analysis in Python. Helpful resources will be provided.

14.00 - 17.30: Deep Learning
Speakers: Prof. Kerstin Ritter and colleagues

In the first part, the basic principles of artificial neural networks are explained and different Deep Learning methods are presented. A special focus will be on so-called Convolutional Neural Networks, which are particularly well-suited for neuroimaging. Programming tutorials will be provided to help participants get started with the implementation of these networks. In order to highlight the challenges in the application of artificial neural networks, concrete application examples from the field of psychiatry will be presented in the second part.

WORKSHOP DAY 2
THURSDAY, 12.10.2023:
OPEN SCIENCE

09.00 - 10.30: Open Access
Speakers: Marc Lange, Stephanie von Schmädel

Participants will receive an introduction to Open Access, funding opportunities for Open Access publishing, Open Access in psychology, and the services offered by university libraries. Legal aspects of publishing will also be presented, such as publication contracts and authors' rights, the relevance of copyright, social academic networks (ResearchGate - legal or illegal? Open Access or not?), and Creative Commons licenses. It will be shown how researchers can select qualitative and reputable journals and recognize dubious/fraudulent publishers and journals (predictive publishing).

11.00-12.30: Open Data
Speaker: Anja Herwig

A lot of data is generated in the research process - where to put it after the project is finished? To publish or not? What speaks for it, what speaks against it, and what has to be considered? An overview of the usual questions in the publication process will be given and a publication on a repository will be shown as an example.

13.30-16.30: The conflict between open research data and securing anonymity
Speaker: Dr. Katarina Blask

In the workshop on anonymization of clinical data, measures for data protection-compliant processing and publication of clinical data will be taught. Participants will receive theoretical and practical insights as well as recommendations on existing offers (tools, consulting services, etc.), which can support them in the implementation.

WORKSHOP DAY 3
FRIDAY, 13.10.2023:
GROUP MEETING

Agenda:

09:30 - 10:30
Opening and report on the current status of the research group

10:30 - 12:15
Poster session:
PhD students of the research group are invited to present their PhD projects. Opportunities for exchange and feedback.

12:15 - 13:00
Lunch

13:00 - 13:30
Group photo

13:30 - 14:30
Keynote speech Dr. Isabell Berwian

14:30 - 15:00
Coffee break

15:00 - 16:30
Reports from subprojects and open exchange