![HEIBRiDS – HELMHOLTZ EINSTEIN INTERNATIONAL BERLIN RESEARCH SCHOOL IN DATA SCIENCE]

LECTURE SERIES

Wednesday 30th November 2022

16.00 – 17.00

Location:

BIMSB Conference Room, Hannoversche Str. 28

Data science and machine learning in Neuroscience
Speaker: Henning Sprekeler, TU Berlin

Abstract

Like many fields in science, brain research is undergoing a data science revolution. Methodological developments over the past decades have vastly increased the amount and the size of neuroscientific data, to a level that can no longer be managed without specialized skillset and often required interdisciplinary teams including data scientists. I will give a short overview of aspects of neuroscience where data science and machine learning are starting to take center stage, sprinkling in bits and pieces of our own work at times.

Next Lecture: December 14th, 2022

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