Brainhack-Room

Thursdsay, 07.03.24

What is a brainhack?

Answering the next generation of open questions in neuroscience requires large data sets and complex analysis methods. Brainhacks aims to bridge the gap between data science and neuroscience research and initiate open collaborations between researchers from different disciplines with the goal of advancing computational brain research. Brainhacks combine elements of 'hackathons' and 'unconferences' with various tutorials to accelerate the integration of data science and computational methods in neuroscience. Flexible scheduling encourages participants to spontaneously contribute their own topics and discussions and to work on projects in interdisciplinary teams.

Schedule

Time	Session
8:30 - 10:30	COFFEE & OPEN ROOM
10:30 - 11:30	KEYNOTE LECTURE
11:30 - 13:30	INTRODUCTION & TOOL TALKS
13:30 - 14:30	PROJECT PITCHES
14:30 - 17:00	WORK SESSION
17:00 - 17:30	KEYNOTE LECTURE
17:30 - 18:30	WORK WRAP UP
18:30 - 19:30	OUTCOMES

WANT TO PITCH A PROJECT? GET IN TOUCH!

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Highlights

Never been to a brainhack before?
This is what you can expect

Project Pitches — Brainhacks live trough active participation! Listen to project pitches or pitch your own project idea!!!

inspirational tool-talks — You want to know more about open science, tools and collaboration opportunities? We invited researchers who developed software tools available for your own research

Open working session — Hack that project! This is the time to work on projects with your collaborators, code, further develop the pitched research idea, or simply discuss and learn from each other.

Therms and topics

Terms	Definition
Open science	Movement and practices within science aimed at increasing the transparency, accessibility, diversity, and inclusivity of scientific practices and output. This is often reflected in open science practices, such as publishing open access manuscripts, making research data Findable, Accessible, Interoperable, and Reusable (FAIR), open sourcing code and software, etc.
Hackathon	The term hackathon is a portmanteau of "hacking" and "marathon". Traditionally, it is an event where people and teams gather to collaboratively work on projects over the course of multiple days. These events often historically feature competitions between teams. Brainhacks instead emphasize collaboration over competition
Hacking	In this context, hacking does not indicate trying to break into computer systems by breaching security. It instead refers to tinkering with a system to better understand its working, and subsequently laying a foundation for its advancement.
Unconference	This refers to a short session in which participants present either their research or prompt a discourse on any topic of interest in an informal setting. The content of an unconference may be decided impromptu and is often inspired by ongoing team discussions during the course of the brainhack.

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