Venture into the
untapped depths of the brain

OHBM HACKATHON 2023

Retrospective

WHO ARE WE?

Yu-Fang Yang

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THIS MORNING, YOU LEARNED THE MAIN CONCEPT OF BRAINHACK

NOW, WE WANT TO SHARE OUR 2023 OHBM BRAINHACK EXPERIENCE WITH YOU

OUR TEAM

Andrea Gondova

Paris France

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Zurich, Switzerland

Qing Wang

Montreal, Canada

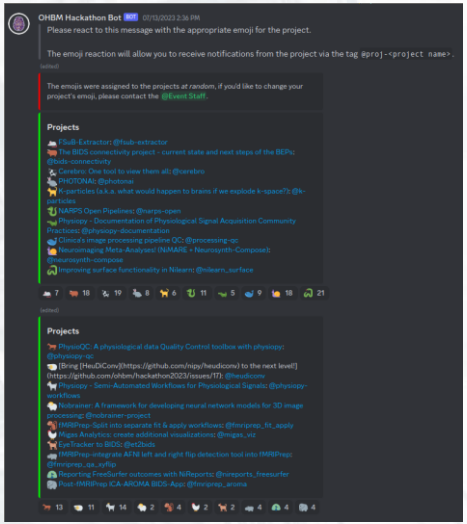
Beau Haugen

Minneapolis, USA

Sina Mansour L

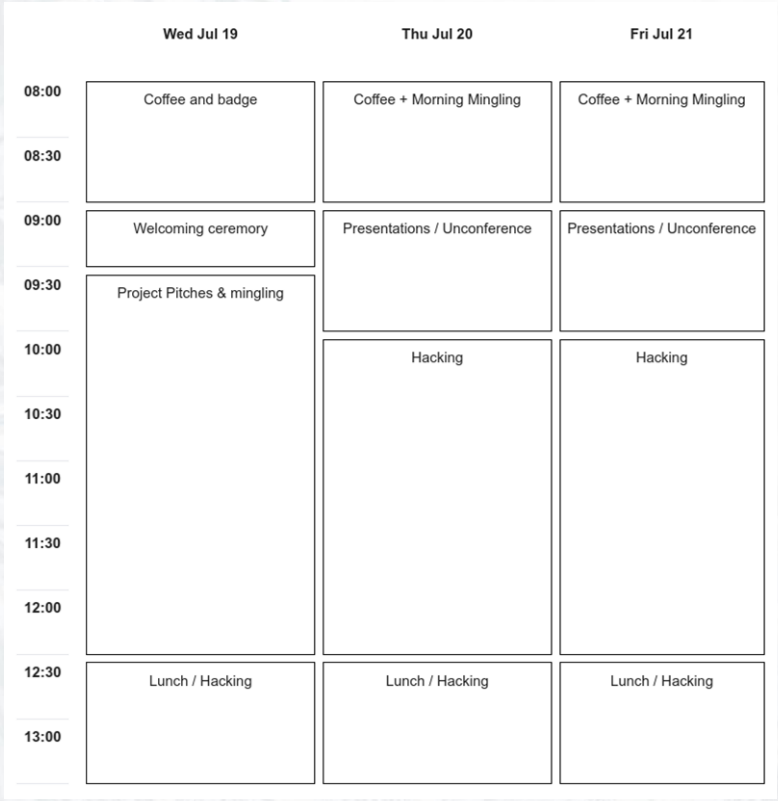
Melbourne, Australia

OVERVIEW OF OHBM 2023 BRAINHACK - HYBRID FORMAT

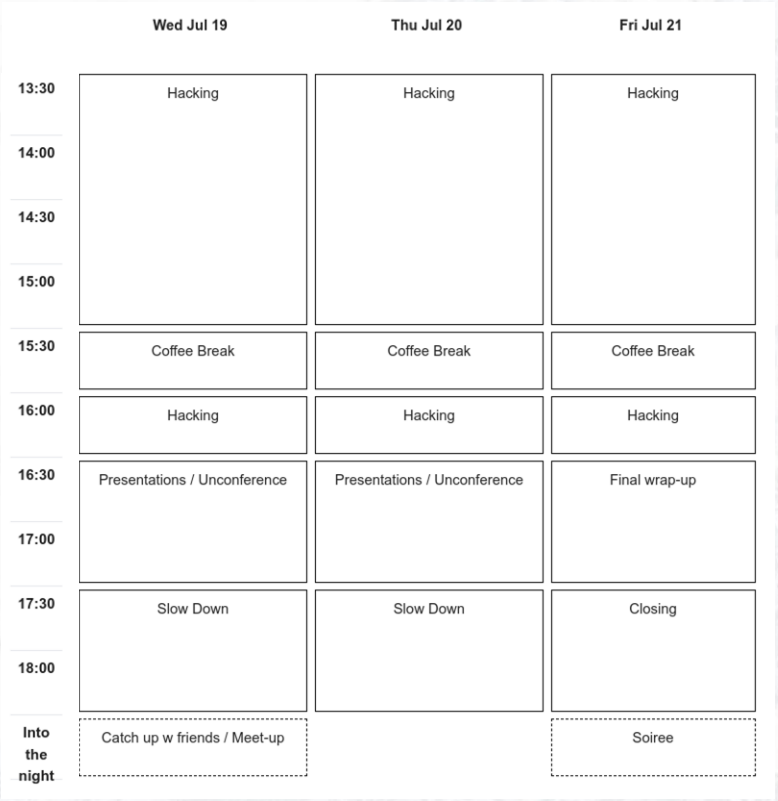


126 on-site participants
10 online participants
33 projects
6 talks + **10** unconferences
3 rap battle contestants
1 amazing social party

OVERVIEW OF OHBM 2023 BRAINHACK - 3 DAYS OF INTENSE HACKING



	Wed Jul 19	Thu Jul 20	Fri Jul 21
08:00	Coffee and badge	Coffee + Morning Mingling	Coffee + Morning Mingling
08:30			
09:00	Welcoming ceremory	Presentations / Unconference	Presentations / Unconference
09:30	Project Pitches & mingling		
10:00		Hacking	Hacking
10:30			
11:00			
11:30			
12:00			
12:30	Lunch / Hacking	Lunch / Hacking	Lunch / Hacking
13:00			

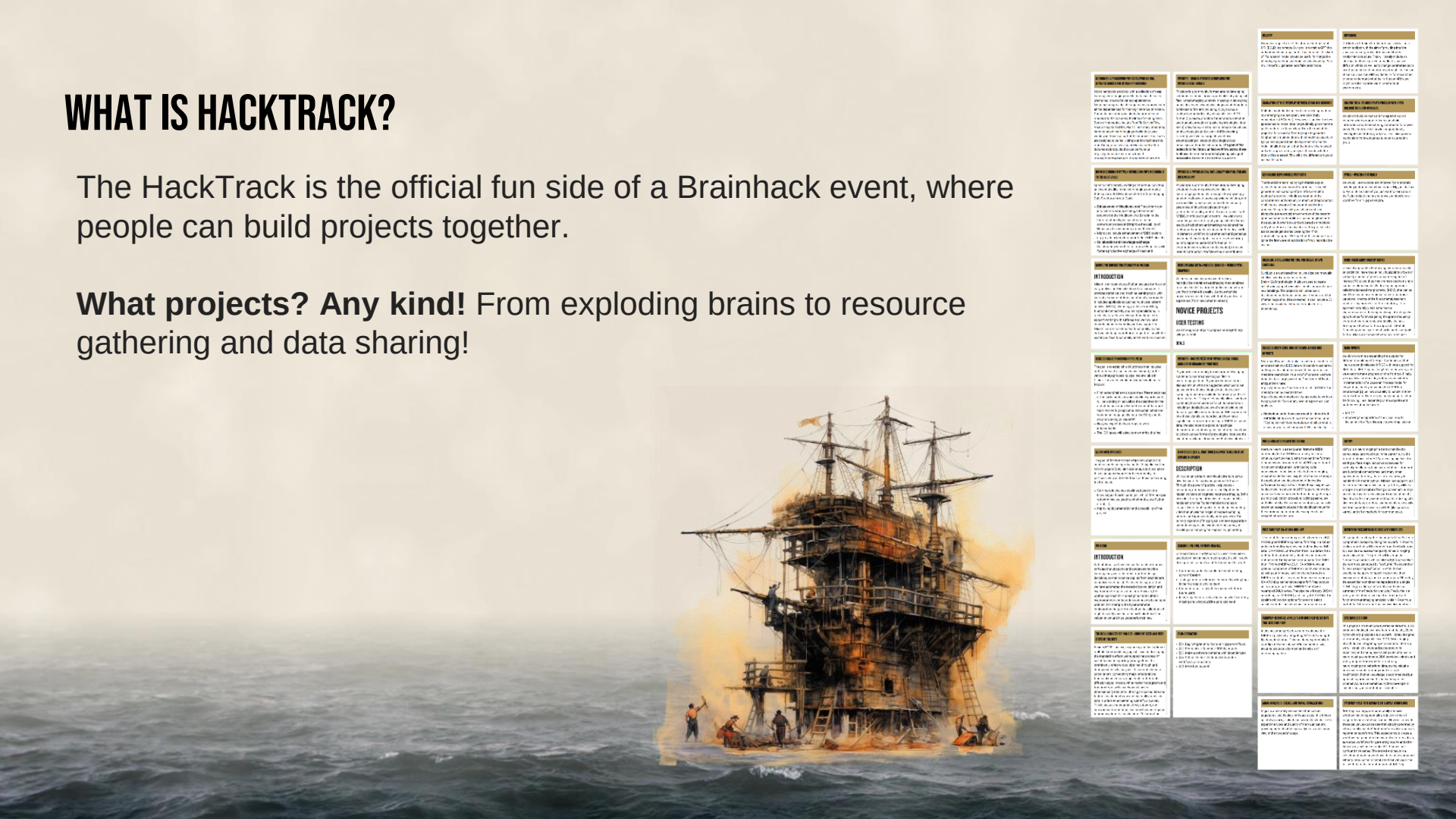


	Wed Jul 19	Thu Jul 20	Fri Jul 21
13:30	Hacking	Hacking	Hacking
14:00			
14:30			
15:00			
15:30	Coffee Break	Coffee Break	Coffee Break
16:00	Hacking	Hacking	Hacking
16:30	Presentations / Unconference	Presentations / Unconference	Final wrap-up
17:00			
17:30	Slow Down	Slow Down	Closing
18:00			
Into the night	Catch up w friends / Meet-up		Soiree

WHAT IS HACKTRACK?

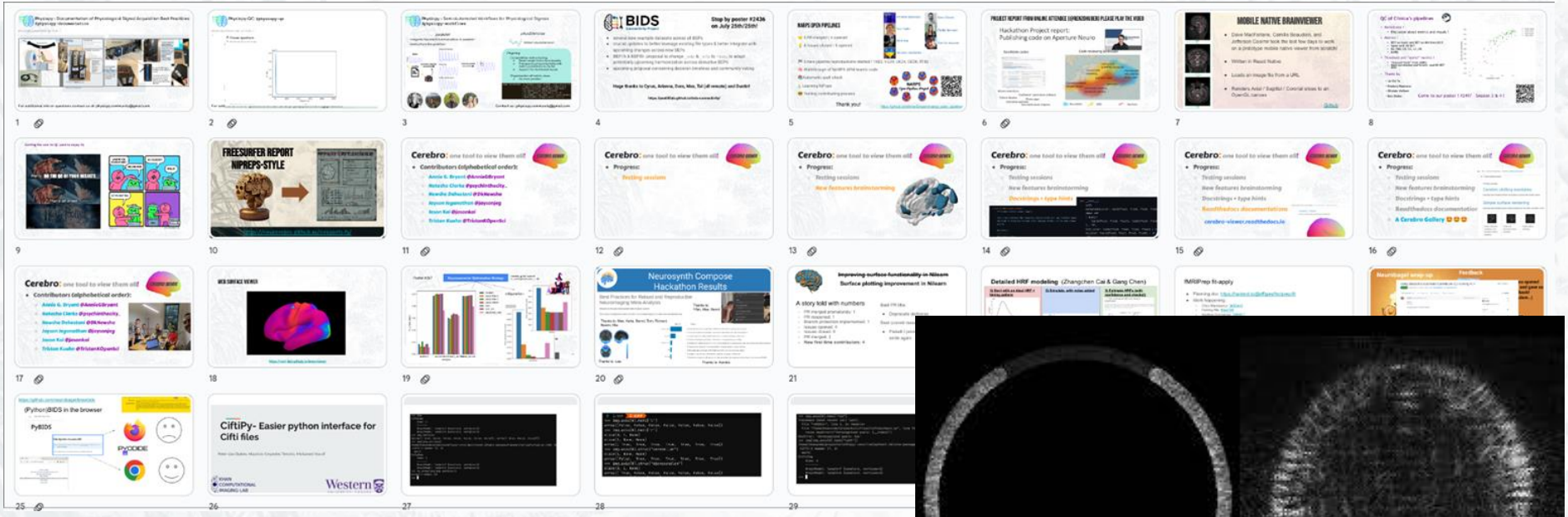
The HackTrack is the official fun side of a Brainhack event, where people can build projects together.

What projects? Any kind! From exploding brains to resource gathering and data sharing!



HACK TOGETHER WITH OTHERS IN ANY PROJECT

BY THE END OF THE HACKATHON - PROJECT RESULTS



IF YOU DON'T KNOW PYTHON, WE COVER YOU:

TRAINTRACK

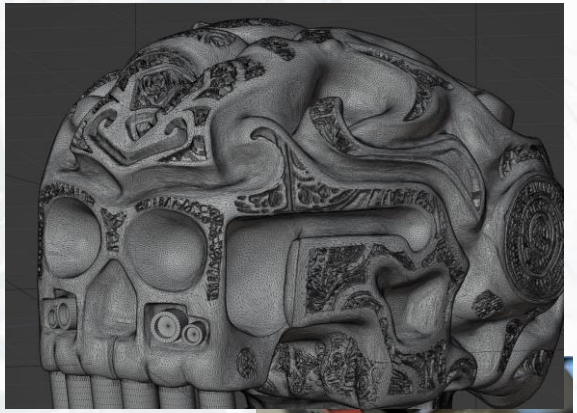
Getting started | Coding skills | Python | Version control | Good practices: code testing and reproducibility | Machine Learning

Intro to Discord	Setting-up a hack friendly environment	Intro to jupyter notebooks
Intro to bash	Python: Data analysis	Python: Visualisation
Python: Writing a script	Python: Packaging (pipy)	Using Git and Github
Data management with Datalad	Containers for science	How to write good code
Reproducible workflows: The Turing Way	Reproducible workflows: Transparent MRI	Machine Learning basics
Machine Learning for neuroimaging	Machine Learning Reproduciblity Checklist	

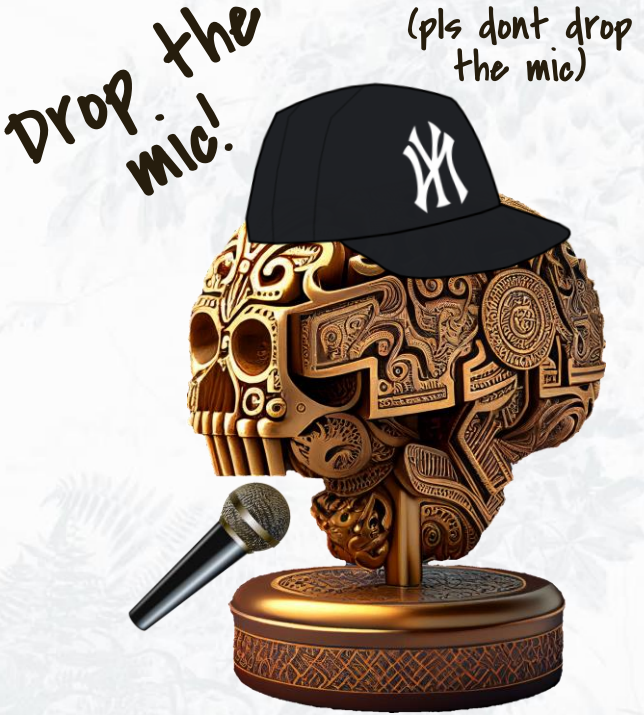
PAUSE

TRAINTRACK VS HACKTRACK

SOME FUN: SWAG AND TROPHY



SOME FUN: RHYMING BATTLE



TEAMWORK MAKES THE DREAM WORK

2024: SEOUL, SOUTH KOREA

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Montreal, Canada

Sina Mansour L

Melbourne, Australia

SPONSORS

OpenNEURO

NEUROMOD

Child Mind Institute

CONP PCNO

TReNDS Translational Research in Neuroimaging & Data Science

BIDS Connectivity Project

PSYCHORADIOLOGY

Special thanks to Pierre Bellec for the Arts!

Special thanks to JB Poline for securing the venue!

Special thanks to Luc Martin (Maison Notman House)

THANK YOU FOR YOUR ATTENTION!

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