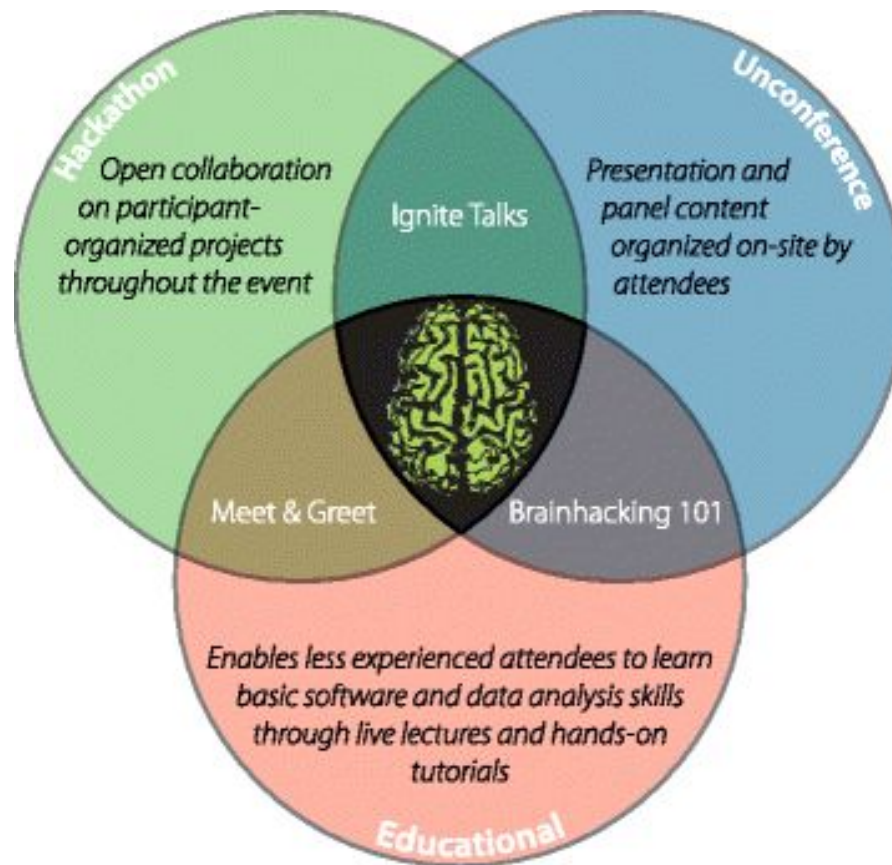


Brainhack Global Warwick

March 2-3, 2017



Brainhack



Hackathon

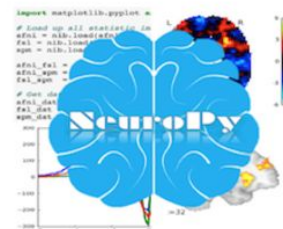
Open collaboration on participant-organized projects

- Project pitches (today 10-11am)
- Open hacking
- Project wrap-ups

Finding skills for your project

- “Knowledge base”

NEUROPY

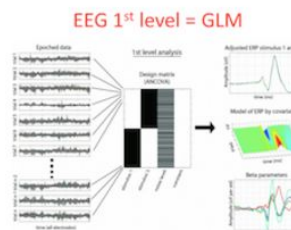


Explore ways in which python can be used to represent, compare and manipulate data, with a key focus on applying these methods to neuroimaging results

Summary

We will first familiarise ourselves with tools available in python for

LIMO EEG TOOLBOX



The LIMO EEG toolbox implements linear analyses of eeg data with robust stats

Summary

This tutorial will briefly describe what the LIMO EEG toolbox does (linear analyses of eeg data with robust stats), and open nature of the project and how people can contribute, develop and get credit / papers with that project

Unconference

Short talks ~5/10 minutes.

An opportunity to present:

- Your research
- A particular topic you are interested in
- A tool
- A question you have
- A topic for further discussion
- ...

Sign up on the paper board.

(Specific sessions can be allocated to longer talks (e.g. tutorials).)

Educational

5 ignite talks:

- *How can study pre-registration benefit Neuroscience*, Pia Rotshtein, University of Birmingham.
- *UK Biobank Pipeline: Public release of the first 10,000 datasets*, Fidel Alvaro Almagro, University of Oxford.
- *Data sharing with SPM*, Guillaume Flandin, UCL.
- *FSLeyes and the FSL Python Ecosystem*, Paul McCarthy, University of Oxford.
- *Hacking the experimental method to avoid Cognitive biases*, Cyril Pernet, University of Edinburgh.

Communication throughout the event

Hackpad: <https://goo.gl/b9nRLF>

[#bhg17-warwick](#) on slack

@ Brainhack Global Warwick 2017

Useful links

- Brainhack Global website: <http://events.brainhack.org/global2017/>
- Brainhack Global Warwick website: <http://brainhackwarwick.github.io/2017/>
- Brainhack Global broadcasting list: [Brainhack Global 2017 Video Content](#)

Keep in touch within Warwick site

- Slack: <https://brainhack.slack.com/messages/bhg17-warwick/> (sign up at: <https://brainhack-slack-invite.herokuapp.com>)

Keep in touch with other sites

- Slack: <https://brainhack.slack.com/messages/brainhack-global-2017/> (sign up at: <https://brainhack-slack-invite.herokuapp.com>)

Resources

- <https://github.com/datacarpentry/python-neuroimaging-lesson>
- <https://software-carpentry.org/lessons/>
- <https://nilearn.github.io>
- <https://neurohackweek.github.io/nhw2016/>
- <http://www.reproducibleimaging.org/module-dataprocessing/>
- https://github.com/choldgraf/UCSF-Data_Driven_Neuro

Brainhack Global

- Broadcast list:
<https://hackpad.com/Brainhack-Global-2017-Video-Content-ZP53JJhGyJ>
- Twitter #bhg17

LATEST CHANGE 1 HOUR AGO

ADD TO COLLECTION

Brainhack Global 2017 Video Content

Use the link below to watch an event (even after it has occurred), if adding to this list, please sort each list in order based on time in UTC using military time (e.g 1pm = 1300, etc).

Thursday, March 2, 2017

- **13:30 - 14:00 UTC (13:30 - 14:00 GMT)** - Warwick, *How can study pre-registration benefit Neuroscience* - Pia Rotshtein - <https://eu.bbcollab.com/guest/D244C0D1B397A22EE70131997F31F6B3> Questions on slack: [#warwick2017](#)
- **14:00 - 14:30 UTC (14:00 - 14:30 GMT)** - Warwick, *UK Biobank Pipeline: Public release of the first 10,000 datasets* - Fidel Alfaro Almagro - <https://eu.bbcollab.com/guest/D244C0D1B397A22EE70131997F31F6B3> Questions on slack: [#warwick2017](#)
- **14:30 - 15:00 UTC (9:30 - 10:00 EST)** - Toronto, *Neural subtypes of depression a promising approach for predicting treatment response* - Jonathon Downar - www.youtube.com/watch?v=Z1f45U_GxD8 Questions at: [#bhg17-toronto](#)
- **14:30 - 15:00 UTC (9:30 - 10:00 EST)** - Toronto, *Integrating neuroimaging and genetics to ask questions about neurodevelopment in a large community sample* - Anne Wheeler - www.youtube.com/watch?v=fEwm1RaKCe8 Questions at: [#bhg17-toronto](#)
- **15:00 - 15:30 UTC (10:00 - 10:30 EST)** - NYC, *Welcome and description of Brainhack Proceedings 2017* - Cameron Craddock <https://www.youtube.com/watch?v=JLJFKV7p74A> Questions on [#bhg17-nyc](#)
- **15:30 - 16:00 UTC (10:30 - 11:00 EST)** - Toronto, *Of mice and men: Integrating cross-species imaging data* - Jason Lerch - www.youtube.com/watch?v=yfuvngbxVHc Questions at: [#bhg17-toronto](#)
- **16:00 - 16:30 UTC (11:00 - 11:30 EST)** - Toronto, *A quick introduction to two open multi-omic datasets* -



708 People



36 Brainhacks



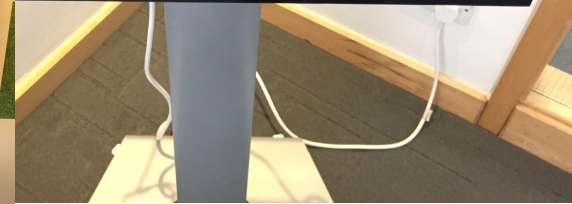
16 Countries



4 days

Our Space

- Two rooms
 - Space 25
 - Space 28
- Lounge downstairs (coffee breaks)
- Lounge upstairs



Schedule

Thursday, March 2nd

9:00 - 9:15	Coffee & Registration
9:30 - 10:00	Introduction
10:00 - 11:00	Project pitches
11:00 - 11:30	Coffee break
11:30 - 12:30	Open hacking
12:30 - 13:30	Lunch
13:30 - 14:00	Ignite talk by Pia Rotshtein
14:00 - 14:30	Ignite talk by Fidel Alfaro Almagro
14:30 - 15:30	Open hacking
15:30 - 16:00	Coffee break
16:00 - 17:00	Open hacking
17:00 - 18:00	Unconference
19:00	Dinner

Friday, March 3rd

9:00 - 9:15	Coffee & Registration
9:30 - 10:00	Ignite talk by Guillaume Flandin
10:00 - 11:00	Unconference
11:00 - 11:30	Coffee break
11:30 - 12:30	Open hacking
12:30 - 13:30	Lunch
13:30 - 14:00	Ignite talk by Paul McCarthy
14:00 - 14:30	Ignite talk by Cyril Pernet
14:30 - 15:30	Open hacking
15:30 - 16:00	Coffee break
16:00 - 17:00	Project wrap-ups & Conclusion