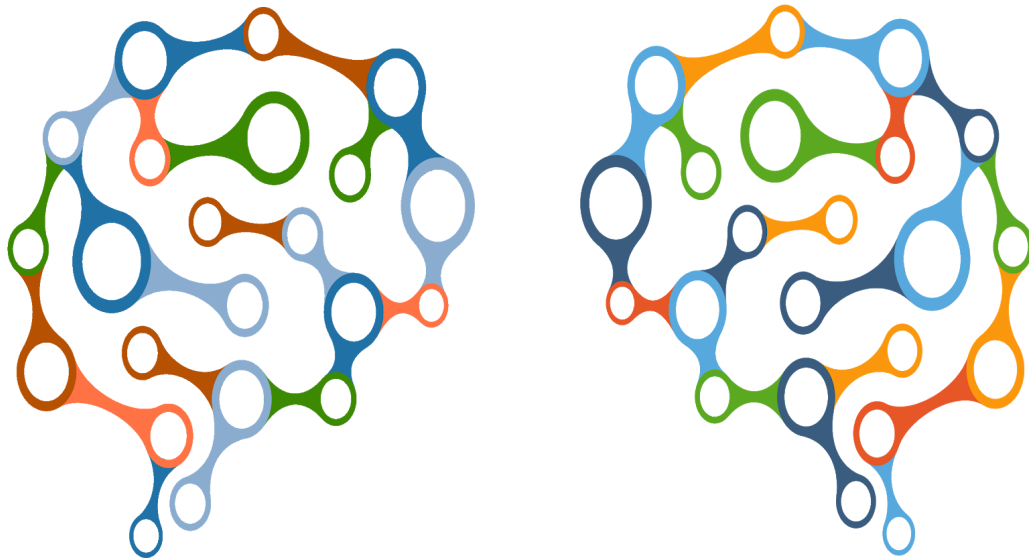# Brainhack Diversity

Inter-individual variability in cognitive and clinical neuroscience: signal or noise?

Brainhack Global 2020 *in Padova* is going online!

When: December 14th to 16th, 2020

Where: the internet, wherever it lies

Organizers: Giorgia Cona, Davide Poggiali, Antonino Vallesi.

Brainhack events bring together brain enthusiasts from a variety of backgrounds to build relationships, learn from one another, and collaborate on projects related to the neurosciences [1].

Participants can bring their own dataset, propose a project, and recruit a team of collaborators on site. Access to open online databases of MRI images will be also available during the three days, for new creative ideas to be tested.

This workshop integrates <u>all levels of expertise</u> and is also an opportunity to learn methods, develop skills, and collaborate with other participants.

Registration is **free but mandatory** at the following link

https://forms.gle/xosHbWJfVQ8kAsDu8

All the links will be given privately via mail to the registered participants only.

Confirmed speakers

- **Stephanie Forkel**
- **Daniel Margulies**
- **Emiliano Santarnecchi**
- **Cristina Scarpazza**
- **Michel Thiebaut de Schotten**

Proposed working groups

Propose your own!

- **Patrick Friedrich**: Phenotypes in brain anatomy: Asymmetries of the motor cortex
- **Umberto Granziol**: Human connectome project dataset analysis
- **Arianna Menardi**: Interindividual difference analysis: are graph properties enough to explain behavior?
- **Lorenzo Pini,** The association between interindividual variability in atrophy and connectivity in Alzheimer's disease
- **Cristina Scarpazza:** PRICANS: Preferred Reporting Items for Cognitive and NeuroPsychological Studies.
- **Nicolò Trevisan:** Brain morphometry in chess players: what do you need to be a grandmaster?

[1] **http://dx.doi.org/10.1186/s13742-016-0121-x**

[2] The logo is modified from the template found at https://pixabay.com/vectors/brain-cognition-design-art-2029391/, whose license is open https://pixabay.com/service/license/.