



Human Brain Project  
Education Programme

5<sup>TH</sup> HBP SCHOOL  
**FUTURE MEDICINE**  
BRAIN DISEASE NEUROSCIENCE

27 November - 3 December 2017  
Obergurgl University Center, Austria

**Application deadline:** 4 September 2017



Contact:

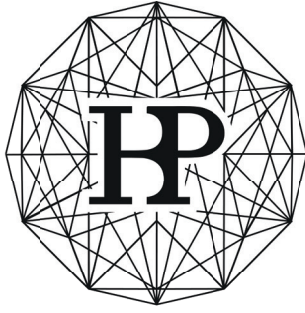
[education@humanbrainproject.eu](mailto:education@humanbrainproject.eu)

 @hbp\_education

 @hbpeducation

For more information visit:

[education.humanbrainproject.eu/web/5th-school](http://education.humanbrainproject.eu/web/5th-school)



Human Brain Project  
Education Programme

# 5<sup>TH</sup> HBP SCHOOL FUTURE MEDICINE

## BRAIN DISEASE NEUROSCIENCE

INFLUENCING CLINICAL DIAGNOSES AND TREATMENTS BY  
DATA MINING ANALYSIS- AND MODELLING-DRIVEN NEUROSCIENCE

27 November - 3 December 2017  
Obergurgl University Center, Austria

Application deadline: 4 September 2017

### Call for applications

The availability of clinical, genomic, proteomic and neuroimaging data sets combined with recent advances in ICT, data mining and computational modelling makes it possible to uncover unique biological signatures of disease from multi-level descriptions of the brain. Medicine of the future will capitalise on these biological signatures of diseases for faster diagnosis, more accurate prognosis and leverage the discovery of mechanistic pathways for new types of drugs, novel treatments and ultimately personalised medicine.

The programme of the 5<sup>th</sup> HBP School combines lectures and practical sessions. In small groups, students will be working on a week-long project. Throughout the school, participants are encouraged to introduce new ideas and suggest original experimental techniques. Speakers will be available throughout the week to go into details of concepts, provide deeper insights, answer questions or help with specific group requests.

### Student application information:

Application for the 5<sup>th</sup> HBP School is open to the whole student community and early post-docs. Up to 40 participants will be selected in a competitive application process based on an academic decision by the Scientific Committee. Participants are required to submit an abstract on their current research with their application. Applications from young female investigators are highly encouraged.

**There is no registration fee. Accommodation will be provided. Seven travel grants will be available upon request for European students only (country of residence).**

### For more information visit:

[education.humanbrainproject.eu/web/5th-school](http://education.humanbrainproject.eu/web/5th-school)

### Contact:

[education@humanbrainproject.eu](mailto:education@humanbrainproject.eu)

**The 5<sup>th</sup> HBP School in Obergurgl is organised by the HBP Education Programme Office.**

### Scientific Committee:

Ferath Kherif | CHUV  
Egidio D'Angelo | UNIPV  
Alain Destexhe | CNRS  
Bogdan Draganski | CHUV  
Viktor Jirsa | AMU  
Mira Marcus-Kalish | TAU  
Marcello Massimini | UMIL  
Francesco Pavone | LENS

### Organisers:

Viktoria Tipotsch,  
Theresa Rass | MUI

 @hbp\_education

 @hbpeducation



Co-funded by  
the European Union



MEDIZINISCHE  
UNIVERSITÄT  
INNSBRUCK

