



Human Brain Project  
Education Programme

## 3<sup>RD</sup> HBP CURRICULUM WORKSHOP SERIES

### MEASURING AND MODELLING BRAIN STATES

28-29 MARCH 2020

DAS CENTRAL SÖLDEN, AUSTRIA

REGISTRATION DEADLINE:  
12 FEBRUARY 2020



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## WORKSHOP INFORMATION

The final workshop of the 3<sup>rd</sup> HBP Curriculum Workshop Series invites researchers interested in measuring and modelling brain states at multiple scales. At the cellular level, the appearance of different brain states (such as wake, sleep, anesthesia) is reviewed at the scale of neurons, from extracellular recordings in both human and animal models. From a modelling perspective, workshop participants will learn how cellular data can be used to build model networks of spiking neurons and how mean-field techniques are used to derive population models of different brain states from these network models.

This workshop is a satellite event to the **22<sup>nd</sup> International Neuroscience Winter Conference** ([www.winterneuroscience.org/2020/](http://www.winterneuroscience.org/2020/)).

### Registration information

Participation is open to the entire student community and early-career researchers, regardless of whether they are affiliated with the Human Brain Project or not. It is aimed to offer equal opportunities for all early-career researchers regardless of gender, age, origin, etc.

Early registration is recommended as the number of participants is limited.

**Registration deadline: 12 February 2020**

**Participation fee: 90 €**

**The fee does not include travel and accommodation.**

Participants of the Winter Conference can attend this workshop free of charge, however, separate registration for both events is required.

### Student presentations

Registrants are welcome to submit an abstract to present their research in a short talk. Abstracts can be submitted via email until **29 January 2020**.

### Scientific Chair:

Alain Destexhe | Paris-Saclay University

### Organisers:

Sylvia Aßlaber | Medical University Innsbruck  
Judith Kathrein | Medical University Innsbruck  
Alois Saria | Medical University Innsbruck

### Contact:

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### Further information and application:

<http://bit.ly/ModellingBrainStates>



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