

# Brain Dynamics on the Connectome

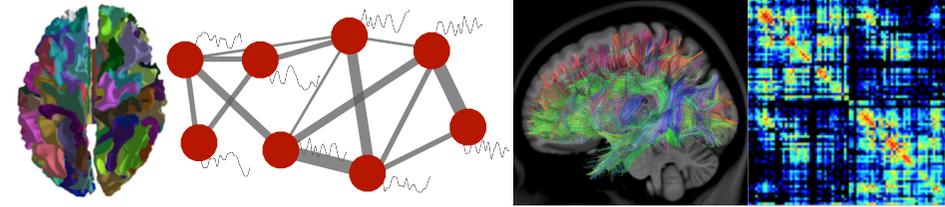
## Summer school 2020

How to combine M/EEG and diffusion MRI

Summer School for Young Researchers

LAUSANNE SWITZERLAND

September 7-11, 2020



One-week intensive course on multimodal connectomics:

This practical course introduces advanced topics in multimodal brain connectomics. The lectures follow the structure of a pipeline to estimate structural connectivity from diffusion MRI data, dynamic functional connectivity from M/EEG recordings and integrate them together with computational modeling.



### REGISTRATION

Opening: May 01, 2020

Deadline: June 20, 2020

The number of participants is limited to 30 students.

### FACULTY

**Patric Hagmann** (CHUV, Switzerland)  
Connectivity networks in neuroscience

**Gustavo Deco** (UPF, Spain)  
Computational modeling of brain networks

**Christoph Michel** (UGeneva, Switzerland)  
Electrical source imaging

**Gijs Plomp** (UniFR)  
Dynamic functional connectivity

**Serge Vulliemoz** (HUG)  
Clinical network neuroscience

**Pieter Van Mierlo** (UGhent)  
M/EEG source connectivity

**Jean-Phillipe Thiran** (EPFL)  
Diffusion and tractography

### Registration information

#### Website

<https://wp.unil.ch/connectomics/summer-school/>

#### Registration includes

Coffee breaks, lunches and two dinners

#### Credits:

2 ETCS

#### Contact

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#### Registration Fees

Approx 500 CHF

#### Venue

Biophore building (UNIL)

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