



## **UE Neuroconférences - with the support of Labex Cortex**

**Contact:** Emiliano Macaluso & Marion Richard <https://masterneuro.univ-lyon1.fr/contact/>

### **Brain states and sensory transmission**

Organised by Nadia Urbain (nadia.urbain@inserm.fr) & Luc Gentet (luc.gentet@inserm.fr)

**Friday September 25th, 2020**

Amphithéâtre "Neurocampus" (Vinatier, Bron)

- 09.30-10.30 **Cerebral processing of nociceptive stimuli during sleep in human**  
Dr. Hélène Bastuji (CRNL NeuroPain Team, Hospices Civils de Lyon)
- 11.00-12.00 **Impact of attention and vigilance states on sensory processing and behavioral performance**  
Dr. Suliann Ben Hamed (Institut des Sciences Cognitives Marc Jeannerod, Lyon)

**Friday September 25th, 2020**

Amphithéâtre "Institut des Sciences Cognitives" (Bron)

- 14.00-15.30 **Multisensory interactions: What, Where, How?**  
Dr. Céline Cappe (Centre de recherche Cerveau et Cognition, CHU Purpan, Toulouse)
- 15.30-17.00 **Cortical states and sensory processing in the mouse whisker system**  
Dr. Sylvain Crochet (Laboratory of Sensory Processing, Brain Mind Institute, EPFL, Lausanne, Switzerland)

### **Cellular bases of circadian rhythms**

Organised by Ouria Dkhissi-Benyahya (ouria.benyahya@inserm.fr)

**Monday September 28th, 2020**

Amphithéâtre "Neurocampus" (Vinatier, Bron)

- 13.30-15.00 **How to measure circadian rhythms? From genes to behaviour**  
Dr. Laurence Canaple (UMS 3444, Villeurbanne)

**Thursday October 1st, 2020**

Amphithéâtre "Institut des Sciences Cognitives" (Bron)

- 13.30-15.00 **Circadian organization of the retina: cell types and signalling pathways involved**  
Dr. Marie-Paule Felder-Schmittbuhl (INCI, Strasbourg)
- 15.00-16.30 **Cell networks in the central circadian pacemaker and their neuroendocrine outputs**  
Dr. Xavier Bonnefont (IGF, Montpellier)

## Using neuroinformatics and computational neuroscience to study and model the brain

Organised by Moustafa Bensafi (moustafa.bensafi@cns.fr) & Nicolas Fourcaud-Trocmé (nicolas.fourcaud-trocme@cns.fr)

**Thursday October 8th, 2020**

Amphithéâtre "Institut des Sciences Cognitives" (Bron)

- 13.30-14.30 **The Virtual Brain project**  
Dr. Spase Petkoski (INS, Marseille)
- 14.30-16.00 **Deep learning and applications**  
Dr. Stefan Duffner (LIRIS, Lyon)
- 16.00-17.00 **Intelligence in silicio: Biological vs. Artificial Neural Networks**  
Tommy Clausner & Dr. Mathilde Bonnefond (CRNL, Lyon)

## Neural bases of social interactions

Organised by Sylvia Wirth(sylvia.wirth@isc.cns.fr)

**Monday October 12th, 2020**

Amphithéâtre "Neurocampus" (Vinatier, Bron)

- 14.00-15.30 **The neural network dedicated to social interaction**  
Julia Sliwa (ICM Paris Brain Institute, Paris)
- 15.30-17.00 **Neural basis of empathy**  
Jean-René Duhamel (CNC, Lyon)

**Friday October 16th, 2020**

Amphithéâtre "Neurocampus" (Vinatier, Bron)

- 13.30-14.30 **Theory of mind**  
Dr. Lara Bardi (CNC, Lyon)
- 14.20-15.30 **Mirror neurons**  
Dr. Pier Francesco Ferrari (CNC, Lyon)