



“Mechanics of Brain Dynamics” symposium and thesis defense.

Tommy CLAUSNER of **COPHY** team of CRNL, is pleased to welcome you to this symposium. “We will kick things off, in the **morning**, with four 20- to 25-minute talks by a selection of great speakers who will present their views on cortical computational principles with a particular focus on temporal brain dynamics. New advances in the field of neuroimaging as well as new theoretical approaches will be discussed with respect to dynamic brain activity on multiple scales.

Thesis defense in the **afternoon** : “I will present the result of my PhD project entitled "The Role of neuronal oscillations in local computations and network brain dynamics" afterwards. The project was conducted as part of the COPHY team under the supervision of Mathilde BONNEFOND at CRNL.

The thesis committee is composed of:

- Simon HANSLMAYR, Professor at the Centre for Cognitive Neuroimaging, University of Glasgow, UK (remote participation)
- Floris de LANGE, Professor at the Donders Centre for Cognitive Neuroimaging, Radboud University, Nijmegen, NL (remote participation)
- Johanna ZUMER, Lecturer at the College of Health and Life Sciences, Aston University, Birmingham, UK
- René SCHEERINGA, post-doctoral researcher at the Donders Centre for Cognitive Neuroimaging, Radboud University, Nijmegen, NL
- Rémi GERVAIS, Professor (emeritus) at the Centre de Recherche en Neurosciences de Lyon (CRNL), University Lyon 1, FR

The event will take place on **December 15, starting at 09h00** at amphitheater of the Neurocampus Michel Jouvet in Bron. All presentations (including the defense) will be held in English. Remote participation will be possible. For this, a link will be provided in a separate email, some days prior to the day of the event.