

Workshop: Mechanisms of CNS Transient Dynamics March 14-15th 2024

Organizers: Kilavik (exp cortex), Bos (exp spinal cord), Brocard (exp spinal cord), Gilson (Comp), Combrisson (Comp), Nougaret (exp cortex & BG). Rima Helou and Joelle Dadoun for administration.

Programme: Mechanisms of CNS Transient Dynamics

Day 1: Cortical Transients

8:45-9:10 Arrival + Welcome (coffee ?)
9:10-9:15 Brief opening: Transient CNS dynamics & aim of workshop

Session 1: Sensory transients (Chair:)

9:15 - 10:00 Mathilde Bonnefond (Lyon)
10:00 - 10:45 Martin Vinck (Frankfurt/Nijmegen)
10:45 - 11:15 BREAK
11:15 - 12:00 Giulio Bondanelli (Genova)
12:00 - 12:30 Student chat with the speakers

12:30 - 14:00 LUNCH

Session 2: Motor transients (Chair:)

14:00-14:45 Yifat Prut (Jerusalem)
14:45-15:30 James Bonaiuto (Lyon)
15:30-16:00 BREAK
16:00-16:45 Andrew Quinn (Birmingham)
16:45-17:15 Student chat with the speakers

17:15-18:00 Round-table: Common mechanisms of sensory and motor transients?

- Start with topics raised by students
- Chair:
- Speakers

19:30 - 22:00 Dinner for speakers and organizers

Day 2: Sub-cortical and CNS input/output Transients

Session 3: Basal ganglia transients (Chair:)

9:30-10:15 Genela Morris (Haifa)
10:15-10:45 BREAK
10:45-11:30 Robert Schmidt (Bochum)
11:30-12:00 Student chat with the speakers

12:00 - 13:30 LUNCH

Session 4: Spinal cord / retina transients (Chair:)

13:30-14:15 Evelyne Sernagor (Newcastle)
14:15-15:00 Muriel Thoby-Brisson (Bordeaux)

15:00-15:30 BREAK

15:30-16:15 Jessica Ausborn (Philadelphia) (Remi)

16:15-17:00 Round-table: Common experimental and computational mechanisms for transients across the CNS

- Start with topics raised by students
- Chair:
- Speakers

17:00 - 17:30 Student chat with the speakers in R+4 meeting room, w. Wine & Cheese

17:00 - 20:00 Aperó at 4th floor INT – Wine & Cheese for all participants

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- **Giulio Bondanelli (Genova)**

Session 2: Motor transients

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Round-table: Common mechanisms of sensory and motor transients?

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Session 4: Spinal cord / retina transients

- **Evelyne Sernagor (Newcastle)**
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- **Jessica Ausborn (Philadelphia)**

Round-table: Common mechanisms for transients across CNS systems?