

neuro léman network

Neuropixels Workshop 2026

DEC 10th 2026
SV1717 EPFL

14h00 Welcome

14h10 NP projects (15 min/lab presentation)

Petersen Lab (EPFL): Myriam Hamon

Mathis Lab (EPFL): Artur Schneider

El-Boustani Lab (UniGe): Dimokratis Karamanlis

Carleton Lab (UniGe): Maxim Juventin

Bellone Lab (UniGe): Raphael Brito

Ito Lab (Unil): Marjan Mozaffarilegha

Lüthi Lab (Unil): João Ferreira Morais

Mameli Lab (Unil): Denys Osypenko

16h10 Coffee

16h40 Technical Discussions (30 min/topic)

Data Acquisition. Moderator D. Osypenko (Unil)

- Probe preparation
- Acquisition software
- Probe reuse

Spike Sorting. Moderator A. Bisi (EPFL)

- Data preprocessing
- Spike sorting algorithms
- Quality control

Neural Analysis. Moderator D. Karamanlis (UniGe)

- Anatomical unit localization
- Neuronal population activity & behavior
- Neuropixels vs alternative large-scale approaches

18h10 Aperitif

Organised by C. Petersen & M. Mameli

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