



# Monitoring and manipulating the affective state: new perspectives on neurotechnologies and AI tools

Organized by Manuel Mameli and  
Ron Stoop (UNIL)

25-31 August 2024,

The Department of Fundamental  
Neurosciences, University of Lausanne

## **SUNDAY, AUGUST 25@ DEPARTMENT OF FUNDAMENTAL NEUROSCIENCES (DNF)**

- Student arrival at [Lausanne Youth Hostel Jeunotel](#) (Ch. du Bois-de-Vaux 36, 1007 Lausanne)
- **17h00-18h30 – Welcome session at the [DNF Grand Auditorium](#)** (Rue du Bugnon 9, 1005 Lausanne)
  - **Organizers: Presentation of the school program**
  - **Students: Introduce yourself in 60 sec**



- **19h30 Dinner with participants, organizers, CHEN + FENS Representatives**
  - [Lacustre Lakeside Bar](#) (Quai Jean-Pascal Delamuraz 1, Metro M2 stop « Lausanne-Ouchy »)

## **MONDAY, AUGUST 26 @ DNF GRAND AUDITORIUM**

- **9h00 Christine Heim (Charité University Medicine Berlin, Germany): Neurobiological Consequences of Early-Life Stress - From Mechanisms to Novel Approaches for the Developmental Programming of Lifelong Health**
- 10h30 Coffee Break
- **11h00 Carmen Sandi (École Polytechnique Fédérale de Lausanne EPF Lausanne, Switzerland): Neurobiological substrates for stress and anxiety**
- 12h30 Lunch
- **14h00 Roundtable discussion / workshop with Christine Heim and Carmen Sandi**
- 15h30 Coffee Break
- **16h00 Student Blitz Talks (Round 1 with abstract # 1-11 >>> 5min per student)**
- **19h30 Dinner for students @ Jeunotel**

## **TUESDAY, AUGUST 27@ DNF GRAND AUDITORIUM**

- **9h00 Ricardo Chavarriaga (ZHAW School of Engineering, Switzerland): Data Governance for Neuroscience: Enabling ethically aligned research and innovation**
- 10h30 Coffee Break
- **11h00 Sam Golden (University of Washington, U.S.A): Advancing machine-learning analysis of behavior with explainability and transparency**
- 12h30 Lunch
- **14h00 Roundtable discussion / workshop with Ricardo Chavarriaga and Sam Golden**
- 15h30 Coffee Break
- **17h00 Poster session, food, drinks and more in [La Grange](#) (Metro M1 stop “Mouline”)**

## **WEDNESDAY, AUGUST 28@ DNF GRAND AUDITORIUM**

- **9h00 Andrew McStay (Bangor University, Wales, UK): Automating Empathy- Establishing Standards and Good Governance**
- 10h30 Coffee Break
- **11h00 Valeria Gazzola (Netherlands Institute for Neuroscience): How the emotional states of others affect our brain, behavior and decision processes - a cross-species approach**
- 12h30 Lunch
- **14h00 Roundtable discussion / workshop with Andrew McStay and Valeria Gazzola**
- 15h30 Coffee Break
- **16h00 Student Blitz Talks (Round 2 with abstract # 12-22 >>> 5min per student)**
- **18h30 Bowling & dinner with local students and postdocs at “[Bowling du Flon](#)” (basement of Côtes-de-Montbenon 22, Lausanne); *Metro M1 and M2 stop “Flon”.***

## THURSDAY, AUGUST 29@ CÉRY AUDITORIUM

- 9h00 Ralph Adolphs (California Institute of Technology, U.S.A): Neuroanatomy of emotion in the human brain
- 10h30 Coffee Break
- 11h00 Roundtable discussion / workshop with Ralph Adolphs
- 12h30 Lunch
- 14h00 Student Blitz Talks (Round 3 with abstract # 23-31 >>> 5min per student)
- 15h00 Coffee Break
- 15h30 Workshop “What makes a good researcher - How to Navigate Your Career, Biases, and Failures” with [Maura Hannon](#) and local scientists
- 17h30 Visit of the Center of Psychiatric Neurosciences (CNP) followed by casual dinner

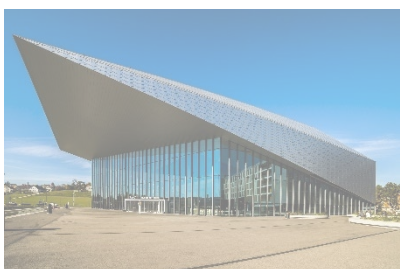


Address: Center for Psychiatric Neuroscience (CNP), Route de Cery 11 B, Prilly-Lausanne ([Map](#))

>>> from Metro M2 change at “Flon” to the “LEB” (green signs) and take the train direction to “Céry-Fleur de Lys”

## FRIDAY, AUGUST 30@ SWISSTECH CONVENTION CENTER (STCC)

- 9:30 Asya Rolls (Israel Institute of Technology): Immune-brain interactions in affective disorders - A physiological take on the mind-body question
- 10:30 – 19:30 [Meet the NeuroLéman community](#) and discuss your poster and your work with many peers



[To get to the STCC:](#)

- Take Metro M1 to stop “EPFL”.
- Or bus # 1 direction EPFL to its final stop “EPFL Colladon” and walk across the [EPFL campus](#).

20:00 Farewell Party with the NeuroLéman community on the [Vortex Rooftop](#) (Metro M1 stop “UNIL-Sorge”)

