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 (Chê du Bois de Vaux, 9, 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): Avenues for treatment of mood disorders  
- 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 DNF students and postdocs at “Bowling du Flon” (basement of Côtes-de-Montbenon 22, Lausanne); Metro.M7.and.M8.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”
- 17h30 Visit of the Center of Psychiatric Neurosciences (CNP) followed by casual dinner

Address: Center for Psychiatric Neurosciences (CNP)? Route de Céry 77B? Prilly Lausanne. (Map)
~~~ from Metro M8 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 M7 to stop »EPFL«
- Or bus – 7. 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 M7 stop »UNIL Sorge«).