



# FENS - CHEN INSTITUTE - NEUROLEMAN SUMMER SCHOOL

## MONITORING AND MANIPULATING THE AFFECTIVE STATE:

## NEW PERSPECTIVES ON NEUROTECHNOLOGIES AND AI TOOLS

DEPARTMENT OF FUNDAMENTAL NEUROSCIENCES (DNF), UNIVERSITY OF LAUSANNE, SWITZERLAND

AUGUST 25 – 31, 2024

SCIENTIFIC CHAIRS: MANUEL MAMELI AND RON STOOP (UNIL)

NEUROLÉMAN SUMMER SCHOOL SERIES COMMITTEE: CAMILLA BELLONE, ALAN CARLETON, CHRISTIAN LÜSCHER, MANUEL MAMELI, BRIAN MCCABE, CARL PETERSEN, CARMEN SANDI AND RON STOOP

### Sunday, August 25, 2024 @ DNF

- 17:00 Welcome and introduction, Presentation of the School & Student's "Introduce yourself in 60sec" pitches
- 19:00 Apero and dinner with organizers, TCCI and FENS representatives

### Monday, August 26, 2024 @ DNF

- 09:00 Christine Heim (*Charité University Medicine Berlin, Germany*) - Avenues for treatment of mood disorders
- 11:00 Carmen Sandi (*EPFL Lausanne, Switzerland*) - Neurobiological substrates for stress and anxiety
- 14:00 Roundtable discussion with both speakers
- 16:00 Student talks – Round 1- (5min each)
- 19:30 Dinner by the lake

### Tuesday, August 27, 2024 @ DNF

- 09:00 Ricardo Chavariaga (*Zurich University of Applied Sciences, Switzerland*) - Data Governance for Neuroscience: Enabling ethically aligned research and innovation
- 11:00 Sam Golden (*University of Washington, USA*) - Advancing machine-learning analysis of behavior with explainability and transparency
- 14:00 Roundtable discussion with both speakers
- 16:30 Lakeside poster session followed by dinner

### Wednesday, August 28, 2024 @ DNF

- 09:00 Andrew McStay (*Bangor University, UK*) - Automating Empathy: Establishing Standards and Good Governance
- 11:00 Valeria Gazzola (*University of Amsterdam, Netherlands*) - How the emotional states of others affect our brain, behavior and decision processes - a cross-species approach
- 14:00 Roundtable discussion with both speakers
- 16:00 Student talks – Round 2- (5min each)
- 19:30 Bowling dinner challenge with local students

### Thursday, August 29, 2024 @ CNP Céry

- 09:00 Ralph Adolphs (*Caltech Brain Imaging Center, USA*) - Neuroanatomy of emotion in the human brain
- 11:00 Roundtable discussion with the speaker
- 14:00 Topic roundtables on Career perspectives, Leadership, How to deal with biases and failures
- 16:00 Student talks – Round 3- (5min each)
- 17:30 Visit of the CNP followed by BBQ dinner

### Friday, August 30, 2024 @ Swisstech Convention Center

- 09:00 Asya Rolls (*Israel Institute of Technology*) - Immune-brain interactions in affective disorders
- 10:30 Discuss your work in the poster sessions of the NeuroLéman Network Meeting
- 20:00 Farewell party

### Saturday, August 31, 2024 >>> Departure

**FENS** Federation of European Neuroscience Societies

*Unil*  
UNIL | Université de Lausanne  
Faculté de biologie et de médecine

**neuro  
léman**

**CHEN** TIANQIAO & CHRISSY  
**INSTITUTE**

**MORE SOON, STAY TUNED !**

