

FENS - CHEN INSTITUTE - NEUROLEMAN SUMMER SCHOOL

NEUROBIOLOGY OF PSYCHIATRIC DISORDERS

ORGANIZED BY CAMILLA BELLONE, ALAN CARLETON, CHRISTIAN LÜSCHER

The Department of Basic Neurosciences, University of Geneva

FENS Federation of
European
Neuroscience
Societies

CHEN TIANQIAO
& CHRISSY
INSTITUTE

 **UNIVERSITÉ
DE GENÈVE**



CAMPUS BIOTECH GENEVA, SEPTEMBER 1-5, 2025

MONDAY, SEPTEMBER 1

09:00 Welcome and introduction, Presentation of the school & student's
"Introduce yourself in 60sec" pitches
>>> Break
11:00 Alan Carleton (University of Geneva) - *Cognitive circuit dysfunctions in schizophrenia*
12:00 Lunch
13:00 Stephan Eliez (University of Geneva) - *Deep Developmental Digital Phenotyping in Schizophrenia*
14:00 Roundtable discussion with speakers
>>> Break
15:30 Student talks – Round 1- (5min each)
>>> Evening activities and dinner

TUESDAY, SEPTEMBER 2

09:00 Ileana Hanganu-Opatz (University of Hamburg) - *The unknown role of prefrontal cortex during development: a story of critical periods of cognition and innate behaviors*
>>> Break
10:30 Lin Mei (Chinese Institutes for Medical Research, Beijing, China) - *Risk genes of major depression disorders*
11:30 Lunch and posters
13:30 Roundtable discussion with speakers
>>> Break
15:00 Student talks – Round 2- (5min each)
>>> Evening activities and dinner

WEDNESDAY, SEPTEMBER 3

09:00 Stefan Kaiser (University of Geneva) - *Motivational deficits in schizophrenia*
10:00 Christian Lüscher (University of Geneva) - *Motivational deficits in addiction*
>>> Break
11:30 Quentin Huys (University College London) - *Computational methods in the treatment of depression*
12:30 Lunch and posters
14:00 Roundtable discussion with speakers
>>> Break
15:30 Student talks – Round 3- (5min each)
>>> Evening activities and dinner

THURSDAY, SEPTEMBER 4

09:00 Camilla Bellone (University of Geneva) - *Circuit dysfunctions in ASD*
10:00 Marie Schaer (University of Geneva) - *AI-driven deep phenotyping*
>>> Break
11:30 Roundtable discussion with speakers
12:30 Lunch and posters
14:00 Hive Dive: How to Navigate Your Career, Biases, and Failures
>>> Evening activities and dinner

FRIDAY, SEPTEMBER 5

- Frederike Petzschnner (Brown University) - *Psychiatry, Embodiment and Computation*
- Guillaume Dumas (University of Montreal) - *Multi-Brain Neuroscience of Inter-Brain Synchronization: from Biological Mechanisms in Humans to Computational Principles for AI*
- Meet the NeuroLeman Network and discuss your work

>>> Farewell party

SATURDAY, SEPTEMBER 6 >>> DEPARTURE

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

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