FENS-CHEN NeuroLeman Summer School
"Neurobiology of psychiatric disorders"

Course option for LNDS and EDNE doctoral PhD candidates

Where: Campus Biotech Geneva
When: September 1-5, 2025
Scientific chairs: Camilla Bellone, Alan Carleton, Christian Lüscher

The 2025 edition of the FENS – Chen Institute – NeuroLéman Summer School will **focus on neurobiology of psychiatric disorders, integrating fundamental neuroscience research with clinical applications and cutting-edge AI technologies**. The program will cover key areas including Social Neuroscience, Cognitive Neuroscience, Motivational Systems, Computational Psychiatry, and AI Applications in Psychiatry. Each topic will explore neural mechanisms and their alterations in specific psychiatric disorders, while highlighting how AI tools are transforming diagnosis, treatment, and our understanding of brain function.

More than 30 international students will join the school in Geneva, they have applied for participation through the FENS and were chosen on a competitive basis. **Local doctoral candidates are invited to attend the morning talks given by local and international speakers and validate study credits (ECTS) by doing the assessment task described below. Local candidates are further invited to partner in some evening activities (tba) and share their thesis and Geneva experience with the visiting students.**

The summer school will close with the [Annual Meeting of the NeuroLeman Network and Doctoral Schools (NLN'25)](#) on Friday September 5 where international and local students can present and discuss their work, and enjoy the social program.

Talk program of the FENS-CHEN-NeuroLeman Summer School accessible to local students

Monday, September 1	**11:00 Alan Carleton (University of Geneva) - Cognitive circuit dysfunctions in schizophrenia** **13:00 Stephan Eliez (University of Geneva) - Deep Developmental Digital Phenotyping in Schizophrenia**
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** **10:30 Lin Mei (Chinese Institutes for Medical Research, Beijing, China) - Risk genes of major depression disorders**
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** **11:30 Quentin Huys (University College London) - Computational methods in the treatment of depression**
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**
Friday, September 5	**Annual Meeting of the Neuroscience Network and Doctoral Schools (NLN25) with separate registration (see [HERE](#))**

Course credit option for doctoral candidates (1 ECTS)

- Attend at least 3 of the 4 mornings of the school > signature on participation sheet every day.
- Send a term paper (instructions below) to "lnds@unil.ch" with the subject "FENS" before October 10, 2025. All submitted papers will be collectively forwarded to the respective organizers for evaluation.
- In your term paper (1-2 pages long; please provide your name, as well as bibliographic references for your arguments in case applicable) you should sketch ideas how one or two symposium topics relate to your own research or could contribute to future research of yours.

Registration

The offer is limited to 15 local participants. Register before July 15 by writing a mail to lndscourses@gmail.com (with your supervisor in copy), stating "FENS4NeuroLeman2025" in the header and add to the mail 1-2 sentences on you motivation to participate.