

## NEUREX WORKSHOP

**JANUARY**  
30TH - 31ST, 2020  
**STRASBOURG**

## VENUE

CENTRE DE NEUROCHIMIE (INCI)  
GROUND FLOOR  
SEMINAR ROOM  
ALLÉE DU GÉNÉRAL ROUVILLOIS  
STRASBOURG

## ORGANIZER

## PHILIPPE ISOPE

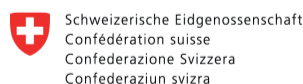
(INCI, Strasbourg, France)

## THIS MEETING

IS CO-ORGANIZED WITH THE  
FRANCE CEREBELLUM CLUB.



European Regional  
Development Fund



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

## — PROJECT INTERNEURON —

Program Interreg V Upper Rhine «Transcending borders with every project», Neurex, Médalis, BioValley France, CNRS, Université de Strasbourg, Région Grand Est, Département du Bas-Rhin, Département du Haut-Rhin, Eurométropole Strasbourg, Hôpitaux Universitaires de Strasbourg, Bernstein Center Freiburg, Klinik für Psychiatrie und Psychotherapie Freiburg, Neurozentrum Freiburg, Universität Freiburg, Universität Basel, Universitäre Psychiatrische Kliniken Basel, Kanton Aargau, Kanton Basel-Landschaft, Confédération suisse.

# INSIGHT INTO THE CEREBELLUM

## THURSDAY, JANUARY 30TH, 2020

14.00 — 14.30 WELCOME BY PHILIPPE ISOPE

14.30 — 16.00 **SESSION 1**  
FROM SENSORI-MOTOR  
CONTROL TO COGNITION

**Laurent Goffart** — INT Marseille, France  
"Cerebellar control of gaze and head orientations toward a visual target"

**Federica Larena-Faccini** — INCI, Strasbourg, France  
"Implicit timing and the cerebellum: implications for the understanding of schizophrenia"

**Laura Cutando Ruiz** — IGF, Montpellier, France  
"Cerebellar dopamine D2 receptor regulates social behavior and anxiety"

**Majd Abdallah** — INCIA, Bordeaux, France  
"The dynamics of cerebro-cerebellar functional connectivity: relation to behavior and cognition in health and addiction"

16.00 — 16.30 COFFEE BREAK

16.30 — 18.30 **SESSION 2**  
CIRCUITS INTERACTIONS

**Berenice Coutant** — IBENS, Paris, France  
"Role of the cerebellum in levodopa-induced dyskinesia in Parkinson's disease"

**Vincent Villette** — IBENS, Paris, France  
"Multiphoton optical recording of Purkinje cells calcium and voltage at high frame rate: revisiting climbing fiber signaling"

**Michael Graupner** —  
Brain Physiology Lab, Paris, France  
"Cerebellar molecular layer interneuron activity and locomotor learning"

**Micaela Galante** — Paris Saclay, France  
"Bergmann glia-Purkinje cell interaction via modulation of extracellular potassium levels"

18.30 — 19.00 CLUB COMMITTEE

19.00 — 21.00 POSTERS + WINE AND CHEESE BUFFET

## FRIDAY, JANUARY 31ST, 2020

14.30 — 16.00 **SESSION 3**  
MODELLING

**Alexis Cheviet** —  
Centre de Recherche en Neurosciences de Lyon, CRNL (Inserm U1028, CNRS UMR5292), France  
"Interaction between visual localization and adaptation of saccades: a study in cerebellar patients"

**Arvind Kumar** —  
KTH, Stockholm, Sweden  
and Bernstein Center, Freiburg i Br., Germany  
"Role of short-term dynamics of synapses in shaping the neural code in the cerebellum"

10.00 — 10.45 KEYNOTE LECTURE

**Sascha Du Lac** — John Hopkins, USA  
"The logic of cerebellar output circuits"

10.45 — 11.15 COFFEE BREAK

11.15 — 12.45 **SESSION 4**  
CEREBELLAR DEVELOPMENT

**Ludovic Telley** — UNIL, Switzerland  
"A cellular and molecular atlas of the developing cerebellum"

**Maxim Veleanu** — CIRB, Paris, France  
"Synaptic deficits in cerebellar Purkinje cells in mice models of schizophrenia"

**Anna Niewiadomska-Cimicka** —  
IGBMC, Illkirch, France  
"Spinocerebellar ataxia type 7 mice show Purkinje cell dysfunction and gene deregulation signature also found in SCA1 and SCA2"

12.45 — 15.30 POSTERS AND LUNCH BUFFET

Program and registration at [www.neurex.org](http://www.neurex.org)

Interneuron

