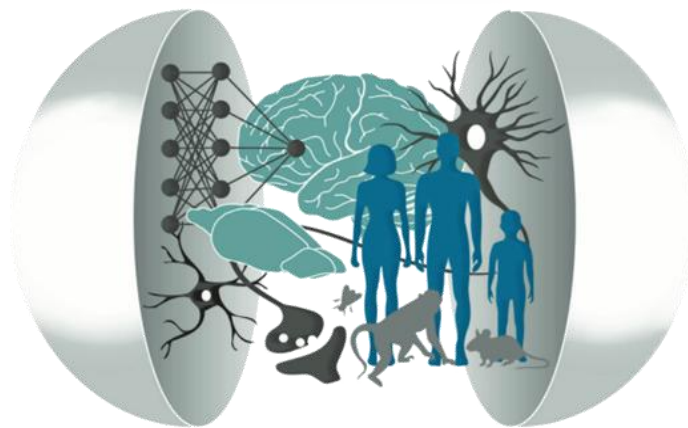


September 28-29th, 2023

Leibniz Institute for Neurobiology
Brenneckestraße 6, 39118 Magdeburg

LINsight symposium

Dynamic Perception and Action in Learning



Within dynamic perception and action cycles, our past and current experiences of the world leave physical changes in the circuits of our brains. The result of these changes are our perceptions and memories, which guide our future behaviour. Selection and guidance of behaviour based on sensory input, remembered events, and behavioural consequences allows us to continually improve how we learn and interact with the world around us.

The speakers of this symposium will bridge scales of neural circuit operation from the behavioural level, across distributed brain networks, to computations of populations and individual neurons – with a specific diversity of research that spans across species.

Location: Ebbinghaus Lecture Hall, LIN, Magdeburg

THURSDAY, September 28th

14:00 – 15:30 Welcome and Session 1

14:00 **Welcome from organizers**

14:10 **Troy Margrie**

Sainsbury Wellcome Centre, UCL

14:50 **Elena Azañón**

Leibniz Institute for Neurobiology

15:30 – 16:00 Coffee Break

16:00 – 17:30 Session 2

16:00 **Graziana Gatto**

Uniklinik Cologne

16:40 **Michael Brecht**

Bernstein Center for Computational Neuroscience, Humboldt University

17:20 **Discussion**

FRIDAY, September 29th

9:00 – 9:20 Coffee & Discussion

9:20 – 10:40 Session 3

9:20 **Kristine Krug**

Otto von Guericke University, Leibniz Institute for Neurobiology

10:00 **Jan Gründemann**

German Center for Neurodegenerative Diseases, Bonn

10:40 – 11:00 Coffee Break

11:00 – 12:30 Session 4

11:00 **Marlies Oostland**

University of Amsterdam

11:40 **Ilan Lampl**

Weizmann Institute of Science

12:20 **Discussion**

12:30 – 13:30 Lunch