

“From synaptic structure to neuronal circuit dysfunction”
Geneva April 19th, 2018
Auditoire Louis Jeantet

In memory of Dominique Muller

09 :15 – 09 :30 **Jozsef Kiss** Welcome and Opening

Session 1: Synapses

09 :30 – 10 :15 **Antoine Triller** The dynamic synapse at mesoscale: reconciling stability and plasticity

10 :15 – 11 :00 **Marlene Bartos** Parallel emergence of stable and dynamic memory engrams in the hippocampus

11 :00 – 11 :45 **Thomas Oertner** Sniffing glutamate at Schaffer collateral synapses

11 :45 – 12 :30 **Anthony Holtmaat** Synaptic mechanisms for cortical plasticity

12 :30 – 14 :00 ***Lunch***

Session 2: Circuit

14 :00 – 14 :15 **Christian Lüscher** Highlight of Dominique’s publications

14 :15 – 15 :00 **Nicolas Brunel** From synaptic plasticity rules to network dynamics

15 :00 – 15 :45 **Rosa Cossart** Internal hippocampal dynamics

15 :45 – 16 :30 **Alison Barth** Transcolumnar rewiring of the cortical column during sensory learning

16 :30 – 17 :15 **Michael Hausser** All-optical interrogation of neural circuits

17 :15 – 17 :30 ***Coffee break***

Session 3: Psychiatry

17 :30 – 18 :15 **Linda Wilbrecht** Late blooming synapses: maturation of the frontal cortex

18 :15 – 19 :00 **Michael Frank** Computational explorations of cortico-basal ganglia function and dysfunction

19 :00 – 19 :15 **Alexandre Pouget** Conclusion and Farewell

20 :00 ***Cocktail dinner at the Restaurant des Parc des Bastions***