

# BRAIN CIRCUITS SYMPOSIUM

Nobel Forum  
Karolinska Institutet, Stockholm, Sweden

October 27-28, 2011

## Final programme

### Thursday 27th Oct.

10.00-10.30 COFFEE

10.30-11.00 OPENING REMARKS

11.00-12.00 M. HAUSSER "Dendritic computation"

12.00-13.30 LUNCH

13.30-14.30 M. WILSON "Probing the mechanisms of memory, thought, and dreams"

14.30-15.30 M. MOSER "Grid cells and neural mapping of space"

15.30-16.00 BREAK

16.00-17.00 E. SCHUMAN "Local Translation in Neurons"

17.00-17.30 M. LINDSKOG "Glutamate transmission in an animal model of depression"

17.30-18.00 G. SILBERBERG "Sensory Integration in the Striatal Microcircuit"

18.00-19.00 POSTER + WINE

### Friday 28th Oct.

9.00-9.30 P. KRIEGER "Genetic dissection of neural circuits underlying tactile sensory processing"

9.30-10.30 C. PETERSEN "Synaptic mechanisms of sensory perception"

10.30-11.00 BREAK

11.00-12.00 C. MOORE "Putting circulation back in the circuit: on the role of hemodynamics in neocortical neural dynamics"

12.00-13.00 LUNCH

13.00-14.00 T. KLAUSBERGER "GABAergic interneurons and network oscillations"

14.00-14.30 D. MELETIS "NMDAR-dependent properties of parvalbumin cells in circuits and behavior"

14.30-15.00 G. FISONE "Mechanisms of L-DOPA-induced dyskinesia: focus on basal ganglia circuits"

15.00-15.30 BREAK

15.30-16.30 E. CALLAWAY "Rabies-based tools for elucidating neural circuits and linking connectivity to function"

16.30-17.30 G. BUZSAKI "Controlling rate and timing by oscillations in the hippocampus"

17.30-17.45 Summary

17.45-19.00 POSTER + WINE



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