

3. Annual CNRS – MPG Neuroscience Meeting

19 – 20 January 2012

College de France, Paris



January 19th

08:50 – 09:00 Welcome (Martin Giurfa, CNRS; Klaus-Armin Nave, MPG)

09:00 – 09:30: **Emmanuelle Courtiol (CNRS, Lyon)**

Individual and synergistic effects of sniffing frequency and flow rate on olfactory bulb activity (J Neurophysiol. 2011)

09:30 – 10:00: **Mario Carta (CNRS, Bordeaux)**

CaMKII-dependent phosphorylation of GluK5 mediates plasticity of kainate receptors (Neuron, in revision)

10:00 – 10:30: **Claire Braboszcz (CNRS, Toulouse)**

Neural markers of low alertness during mind wandering (Neuroimage 2011)

10:30 – 11:00: **Martin Dresler (MPG, München)**

The neuroscience of dreaming (Current Biology 2011)

Coffee Break

11:15 – 11:45: **Laura Dugue (CNRS, Toulouse)**

The phase of ongoing oscillations mediates the causal relation between brain excitation and visual perception (J Neuroscience 2011)

11:45 – 12:15: **Ahmed El-Kordi (MPG, Göttingen)**

Effects of the erythropoietin system on neuroplasticity and higher cognition in mice: achievements and challenges (BMC Biology 2009)

12:15 – 12:45: **Simone Fietz (MPG, Dresden)**

Mammalian brain size evolution at the cellular level - lessons from neural stem
(Nature Neuroscience 2011)

Lunch Break

14:15 – 14:45: **Gabrielle Girardeau (CNRS, Paris)**

Neural bases of memory consolidation: a focus on hippocampal sharp-wave ripples
(Nature Neurosci, in revision)

14:45 – 15:15: **Carlos Hamame (CNRS, Lyon)**

Reading the mind's eye: Online detection of visuospatial working memory and visual
imagery in the inferior temporal lobe (Neuroimage 2012)

15:15 – 15:45: **Martha Haventh (MPG, Frankfurt)**

Time will tell - Millisecond delays in recurring spike sequences as a reliable neuronal
code in cat V1 (J Neuroscience 2011)

15:45 – 16:15: **Farida Hellal (MPG, Martinsried)**

Contribution of cytoskeleton to neuronal repair (Science 2011)

Coffee Break

16:30 – 17:00: **Hiroshi Kawabe (MPG, Göttingen)**

The Roles of Nedd4 superfamily HECT Type E3 ubiquitin ligases in nerve cell
development (Neuron 2010)

17:00 – 17:30: **Tara Keck (MPG, Martinsried)**

Homeostatic plasticity in the mouse visual cortex
(Neuron 2011)

17:30 – 18:00: **Jakob Macke (MPG, Tuebingen)**

Modeling the statistics of neural population activity: simple models for complex data
(Phys. Rev. Lett. 2011)

January 20th

09:00 – 09:30: **Jerome Mordel (CNRS, Strasbourg)**

Activation of glycine receptor phase-shifts the circadian rhythm in neuronal activity in the mouse suprachiasmatic nucleus (J Physiol. 2011)

09:30 – 10:00: **Theo Mota (CNRS, Toulouse)**

Neural organization and visual processing in the anterior optic tubercle of the honeybee brain (J Neuroscience 2011)

10:00 – 10:30: **Tomas Ossandon (CNRS, Lyon)**

Transient suppression of broadband gamma power in the default-mode network is correlated with task complexity and subject performance (J Neuroscience 2011)

10:30 – 11:00: **Aude Panatier (CNRS, Bordeaux)**

Astrocytes are endogenous regulators of basal transmission at central synapses (Cell 2011)

Coffee Break

11:15 – 11:45: **Pierre-Yves Plaçais (CNRS, Paris)**

Slow oscillations in two pairs of dopaminergic neurons gate long-term memory formation in Drosophila (Nature Neuroscience 2011)

11:45 – 12:15: **Tobias Reiff (MPG, Frankfurt)**

A developmental biology approach to understand neuroblastoma development: the role of Phox2b and ALK (Development 2011)

12:15 – 12:45: **Kuzma Strelnikov (CNRS, Toulouse)**

Predicting coding in the brain, application to speech processing (Cortex, submitted)

Lunch Break

14:15 – 14:45: **Peter Uhlhaas (MPG, Frankfurt)**

Abnormal neural oscillations and synchrony in schizophrenia (Nature Rev. Neuroscience 2010)

14:45 – 15:15: **Liang Wang (MPG/ENI, Göttingen)**

Anatomical coupling of sensory and motor nerve through trans-axon tracking
(Neuron 2011)

15:15 – 15:45: **Petra Zimmermann (MPG, Muenchen)**

Interaction of variants in the FKBP5 gene and adverse events in predicting
the first depression onset: Results from a ten-year prospective community stud (Am.J.
Psychiatry 2011)

Out of competition:

15:45 – 16:15: **Nicole Gerberzahn - (Paris, CNRS – MPG Postdoctoral Fellow)**

Coffee Break

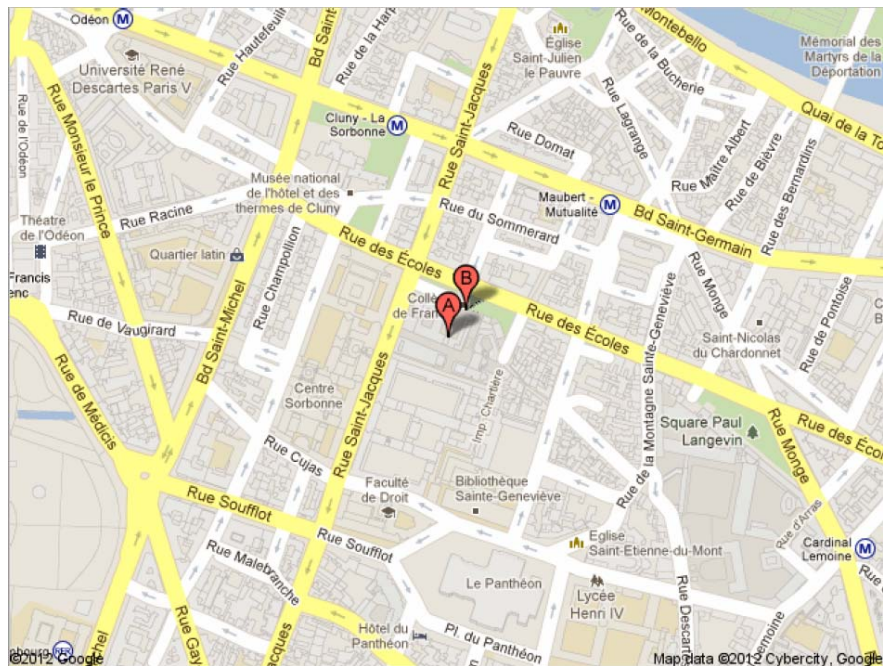
17:30 Prize Announcements & Farewell

ADDRESSES

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MEETING ROOM: SALLE 4



<http://maps.google.fr/maps?q=college+de+France+Paris+place+marcelin+berthelot&hl=fr&ll=48.848818,2.345388&spn=0.006877,0.01236&sl=48.84882,2.345389&sspn=0.110024,0.197754&vpsrc=6&hq=college+de+France+Paris+place+marcelin+berthelot&radius=15000&t=m&z=16>

**IN THE EVENING OF 19TH MEMBERS OF THE CNRS-MPG NETWORK AND NOMINEES ARE INVITED TO A DINNER (19:30) AT THE RESTAURANT LE COUPE-CHOU
11, rue Lanneau**

<http://www.lecoupechou.com/>

