

Junior Lectures			
Thursday January 28 2016	10:00 am - 10:15 am	Arnaud Malvache	<i>A finite repertoire of neuronal assemblies support awake hippocampal ripples</i>
	11:35 am - 11:50 am	Thomas Deneux	<i>Auditory responses in the mouse visual cortex</i>
	2:50 pm - 3:05 pm	Sophie Bagur	<i>Behaviour-dependent stimulus encoding and memory in primary auditory cortex</i>
	4:20 pm - 4:35 pm	Darinka Trübutschek	<i>(Un)conscious working memory? - Disentangling the relationship between conscious perception and working memory</i>
	5:25 pm - 5:40 pm	Matthew Nelson	<i>Neurophysiological dynamics of phrase structure building operations during sentence reading</i>
Friday January 29 2016	9:50 am - 10:05 am	Abhishek Chatterjee	<i>Circuit mechanism of light-modulated network flexibility in the Drosophila multioscillator clock system</i>
	11:20 am - 11:35 am	Ludivine Pidoux	<i>How the cerebellum and the basal ganglia cooperate during sensorimotor learning?</i>
	2:35 pm - 2:50 pm	Ulisse Ferrari	<i>Characterizing the retina's sensitivity to stimulus perturbations using closed-loop experiments and Fisher Information.</i>
	4:55 pm - 5:10 pm	Grace Edwards	<i>Cortical predictions interact with post-saccadic input to primary visual cortex</i>

Poster Session 1 – Thursday, January the 28th, 2016 [3:05 pm - 4:20 pm]		
1	Gulbinaite Rasa	<i>Something out of nothing: The role of alpha-frequency reverberation in the triple-flash illusion</i>
2	Chalk Matthew	<i>Redundancy reduction, efficiency and prediction: towards a unified theory</i>
3	Spampinato Giulia	<i>Probing the retinal circuit with computer generated holography and two photon calcium imaging</i>
4	Amalric Marie	<i>Origins of the brain networks for advanced mathematics in expert mathematicians</i>
5	Yger Pierre	<i>Spyking circus: a new software for fast, scalable spike sorting of large-scale extracellular recordings</i>
6	Fabre Murielle	<i>Neural signatures of syntactic transformations.</i>
7	Grabot Laetitia	<i>The inter-individual variability in temporal order perception is captured by the fluctuations of pre-stimulus alpha power</i>

8	Gauthier Baptiste	<i>Building reference frames to navigate mental time and space</i>
9	Tohidi-Moghaddam Maryam	<i>Importance of the Last Information on final accuracy is depend on the primary information</i>
10	Tartaglia Elisa	<i>Intrinsically generated up and down states in a sparsely connected network with strong inhibition</i>
11	Gardella Christophe	<i>Online exploration of the sensitivity of the retinal population code</i>
12	Gnaedinger Amandine	<i>Smell's melody: brain network involved in multisensory interactions between sounds and odors</i>
13	Leblois Arthur	<i>A minimal neural mechanism for explorative behaviors</i>
14	Dalouz Sami	<i>Ex vivo characterization of photovoltaic subretinal implants using non-human primate retinas</i>
15	Kononowicz Tadeusz	<i>Decoding the sensory-specific and amodal components of time estimation</i>
16	Kabdebon Claire	<i>Neural correlates of abstract representations in 5 month-old infants</i>
17	Abe Yoshifumi	<i>Water diffusion fMRI: A quantitative biomarker revealing brain loci undergoing neural deactivation under anesthetic conditions</i>
18	Deny Stéphane	<i>A flexible code: the retina dynamically reallocates its resources to code for complex motion</i>
19	Telenczuk Bartosz	<i>Contributions of unit activity to local field potentials in human and monkey cortex</i>
20	Kempf Alexandre	<i>Temporal asymmetries in auditory coding and perception reflect multi-layered nonlinearities</i>
21	Cazala Aurore	<i>Sequence processing in a songbird secondary auditory area</i>
22	Fournet Gabrielle	<i>A new two pool model for the IVIM signal</i>
23	Estebanez Luc	<i>Sensorimotor tuning motifs in primary motor cortex during sensory triggered reaching</i>
24	Mazo Camille	<i>GABAB receptors tune cortical feedback to the olfactory bulb of mice</i>
25	Carcaud Julie	<i>Modification of vestibular information processing following sensorimotor adaptation</i>
26	Bagur Sophie	<i>Behaviour-dependent stimulus encoding and memory in primary auditory cortex</i>

Poster Session 2 - Friday, January the 29th 2016 [3:40 pm - 4:55 pm]

1	Goldin Matías	<i>Secondary somatosensory cortex coding of multiwhisker stimuli in rats</i>
2	Lawlor Jennifer	<i>Statistics-based decision-making in complex acoustic sounds</i>
3	Engemann Denis	<i>Learning robust large-scale signatures of consciousness from clinical EEG</i>
4	Maheu Maxime	<i>Unravelling the brain's learning models through the computational fingerprinting of MEG signals with ideal Bayesian observers</i>
5	Pinho Ana Luísa	<i>High resolution encoding of cognitive information within the IBC project</i>
6	Dadi Kamalaker	<i>Nilearn, a multivariate statistical analysis toolbox for Neuroimaging</i>
7	Barbieri Francesca	<i>Local neuronal magnetic field measurements and their interpretation.</i>
8	Ocelli Florian	<i>The adult auditory cortex is more resistant than suspected to long lasting daily exposure to environmental noise. A study in the Sprague Dawley rat</i>
9	Perez Guevara Martin	<i>Brief experimental explorations on Smolenky's superposition principle with numbers</i>
10	Caziot Baptiste	<i>Falsifiability of sequential-sampling decisional models by micro-tradeoffs, and implications for confidence judgments</i>
11	Ceballo Sebastian	<i>Sound feature organization in mouse auditory cortex and its link to perception</i>
12	Béhuret Sébastien	<i>Corticothalamic Synaptic Noise as a Mechanism for Selective Attention in Thalamic Neurons</i>
13	Lin Yi-Chen	<i>Are graphemic and non-graphemic bigrams processed differently at an early stage in visual word recognition?</i>
14	Dubreuil Alexis	<i>Implementation of attractor dynamics in large-scale cortical networks</i>
15	Adenis Victor	<i>Comparison between two strategies for sound intensity coding in cochlear implants: results based on eCAP and eABR on chronically implanted guinea pigs</i>
16	Zerlaut Yann	<i>Heterogeneous firing response of mice layer V pyramidal neurons in the low rate fluctuation-driven regime</i>
17	Lebenberg Jessica	<i>Brains alignment based on sulcal constraints to aim a gyrus-based parcellation analysis</i>
18	Morgan Andrew	<i>Cortical feedback to V1 and V2 contains unique information about high-level scene structure</i>

19	Adibpour Parvaneh	<i>Emergence of efficient inter-hemispheric communication in visual network during infancy</i>
20	Marti Sebastien	<i>Constraints on temporal attention: Time-resolved decoding of brain activity during rapid visual streams</i>
21	Huth Jacob	<i>A model of aging effects on the visual system</i>
22	Bouchacourt Flora	<i>Hebbian mechanisms for task-set learning</i>
23	Lark Arianna	<i>Characterization of dopecr, a unique dual receptor for ecdysone and dopamine, by in-vivo functional brain imaging in drosophila</i>
24	Sandoz Jean-Christophe	<i>Neural representation of social pheromones in the dual olfactory pathway of the honeybee <i>Apis mellifera</i> L.</i>
25	Trübutschek Darinka	<i>(Un)conscious working memory? - Disentangling the relationship between conscious perception and working memory</i>
26	Pidoux Ludivine	<i>How the cerebellum and the basal ganglia cooperate during sensorimotor learning?</i>