

## Schedule 2009

Week	Date	The Brainworks Experimental Journal Club Tuesdays 11-12h, Bioll/III, R 05.013, 5th floor
48	24.11.09	
47	17.11.09	
46	10.11.09	Hromádka T, Deweese MR, Zador AM: Sparse representation of sounds in the unanesthetiz
45	03.11.09	Larkum ME, Nevian T, Sandler M, Polsky A, Schiller J: Synaptic Integration in Tuft Dendrites (Mick)
42	13.10.09	Butts et al. Temporal precision in the neural code and the timescales of natural vision. Nature <a href="http://www.nature.com/nature/journal/v449/n7158/abs/nature06105.html">http://www.nature.com/nature/journal/v449/n7158/abs/nature06105.html</a> (JensK)
39	29.09.09	Van Hooser S.D.: Similarity and Diversity in Visual Cortex: Is There a Unifying Theory of Cc (JensA)
38	22.09.09	Shinomoto S, Kim H, Shimokawa T, Matsuno N, Funahashi S, Shima K, Fujita I, Tamura H, <a href="#">Relating Neuronal Firing Patterns to Functional Differentiation of Cerebral Cortex</a> . (PLoS Comp. Biol. 5(7), 2009) (Thomas)
31	28.07.09	DeWeese MR, Zador AM. Non-Gaussian membrane potential dynamics imply sparse, synchronous activity in auditory (Mick)
27	30.06.09	Nikolenko V, Watson B, Araya R, Woodruff A, Peterka D and Yuste R. <a href="#">SLM microscopy: scanless two-photon imaging and photostimulation with spatial light modul</a> (Florian)
26	23.06.09	Benda J, Gollisch T, Machens C, Herz A. From response to stimulus: adaptive sampling in sensory physiology. Curr Opin Neurobiol 2007 vol. 17 (4) pp. 430-6 (JensK)

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	16.06.09	Sasaki T, Minamisawa G, Takahashi N, Matsuki N and Ikegaya Y. Reverse optical trawling for synaptic connections <i>in situ</i> . <a href="https://doi.org/10.1152/jn.00012.2009">J Neurophysiol 2009 (doi:10.1152/jn.00012.2009)</a> (Thomas)
	29.05.09	Lin L, Osan R, Shoham S, Jin W, Zuo W, Tsien JZ. Identification of network-level coding units for real-time representation of episodic experience (Clemens)
	22.05.09	<b>cancelled (ascendence day)</b>
	15.05.09	<i>cancelled (special issue: relacs, a new data analysis software by Jan Benda, Munich)</i>
	07.05.09	Maxim Volgushev, Trichur R. Vidyasagar, Marina Chistiakova, Tagrid Yousef and Ulf T. Eysel. Membrane properties and spike generation in rat visual cortical cells during reversible cooling (Dymphie)

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	01.05.09	<i>cancelled ('Maifeiertag/Tag der Arbeit')</i>
	24.04.09	<i>cancelled</i>
	03.04.09	Johannes Friedrich and Wolfgang Kinzel Dynamics of recurrent neural networks with delayed unreliable synapses: metastable clusters J Comput Neurosci DOI 10.1007/s10827-008-0127-1 (Sarah)
	20.03.09	Mazzone et al. Encoding of naturalistic stimuli by local field potential spectra in networks of excitatory and inhibitory neurons PLoS Comput. Biol. (2008) 4(12) (Thomas)
	13.03.09	Yamashita Y, Tani J Emergence of Functional Hierarchy in a Multiple Timescale Neural Network Model: A Human Case Study PloS Comp Biol, 2009. (Alexander)
	06.03.09	Hinton GE and Salakhutdinov RR Reducing the Dimensionality of Data with Neural Networks Science (2006) 313 (Tayfun)
	20.02.09	<i>Short Presentations</i>
	13.02.09	<i>Short Presentations</i>
	06.02.09	Nathan R. Wilson, Michael T. Ty, Donald E. Ingber, Mriganka Sur, and Guosong Liu Synaptic Reorganization in Scaled Networks of Controlled Size The Journal of Neuroscience, December 12, 2007 27(50):13581–13589 (Samora)
	30.01.09	Long MA and Fee MS Using temperature to analyse temporal dynamics in the songbird motor pathway Nature 456, 189-194 (13 November 2008) (Alexander)
	23.01.09	Otsuka T, Kawaguchi Y. Firing-pattern-dependent specificity of cortical excitatory feed-forward subnetworks. J Neurosci. 2008 Oct 29;28(44):11186-95. (Steffen)

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	16.01.09	Shigeyoshi Fujisawa, Asohan Amarasingham, Matthew T Harrison & Gyo" rgy Buzsaki Behavior-dependent short-term assembly dynamics in the medial prefrontal cortex Nature Neuroscience 11, 823 - 833 (2008) (Benjamin)

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