

How the Brain Moves the Eyes and the Head: Neural Mechanisms of Oculomotor and Vestibular Function

DAY SCHEDULE

Oct. 5-8 2008, Medford, OR

OCTOBER 7		Events:
7:00	<i>Continental Breakfast</i> (7:00-8:30)	Motor Units (Organizer: Mark Binder)
8:00		9:00-10:40 AM – <i>Smullin Health Education Center</i>
9:00	Motor Units (9:00-10:40)	9:00 <i>M. Binder</i> Introduction
10:00		9:10 <i>Jean Buttner-Ennever</i> Regional and Functional Segregation of Extraocular Motoneurons
	<i>Coffee Break</i>	9:35 <i>B. Torres</i> Contribution of the Intrinsic Membrane Properties and Cholinergic Synaptic Inputs to Firing Properties in Rat Oculomotor Nucleus Motoneurons
11:00	Cerebellar Control of Gaze I (11:10-12:00)	10:00 <i>P. Dean</i> Modeling Recruitment of Ocular Motoneurons: Implications for Eye-Movement Control
12:00	<i>Lunch on Own</i> (12:00-1:00)	Cerebellar Control of Gaze (Organizer: Ulrich Büttner)
1:00	Cerebellar Control of Gaze II (1:20-3:00)	11:10-12:00 PM (Part I) & 1:20-3:00 PM (Part II) – <i>Smullin Health Education Center</i>
2:00		11:10 <i>N. Barmack</i> Cerebellar Climbing and Mossy Fibers: Distinct Contributions to Regulation of Purkinje Cell Simple Spikes.
		11:35 <i>D. Zee</i> Saccade Adaptation: Implications for Cerebellar Function.
		1:20 <i>R. Soetedjo</i> Complex Spikes: Rarely Appeared, but Instructive.
		1:45 <i>Y. Kojima</i> Changes in Simple Spike P-cell Activity in the Oculomotor Vermis During Saccade Adaptation.
3:00	Coordination of Head and Eye Movements (3:30-5:10)	2:10 <i>R. Robinson</i> Cerebellar Saccade Slowing Depends on a Signal that Crosses the Vermis Midline.
4:00		2:35 <i>U. Büttner</i> Different Functions of Saccade Related Fastigial Nucleus Neurons.
5:00		Coordination of Head and Eye Movements (Organizer: Jim Phillips)
		3:30-5:10 PM – <i>Smullin Health Education Center</i>
		3:30 <i>J. Phillips</i> Coordination of Eye and Head Movement Following Loss of Modulated Vestibular Input From the Semicircular Canals.
6:00		3:50 <i>L. Goffart</i> The Caudal Fastigial Nucleus and the Control of Gaze Orientation : Lessons from Perturbation Experiments in the Cat and Monkey
7:00	Conference Banquet At the Ashland Armory (7:00)	4:10 <i>E.G. Freedman</i> Long-Lead Burst Neuron Activity during Coordinated Eye-Head Movements.
8:00		4:30 <i>S.D. Newlands</i> Coordination of Vestibular Afferent and Corollary Discharge (Eye Position) Signals During Translation.
9:00		4:50 <i>G.D. Paige</i> Integration and Adaptation Across Oculomotor and Sensory Spatial Representations.