INTERNATIONAL SCHOOL ON MAGNETIC RESONANCE AND BRAIN FUNCTION

X WORKSHOP

PROGRAM

	Monday 7	**Tuesday 8**	**Wednesday 9**	**Thursday 10**
	Chairman F.Giove	*Chairman N.K. Logothetis*	*Chairman E. Somersalo*	
8:45	Opening			
9:00	**Logothetis** Neural-Event-Triggered fMRI (NET-fMRI) in rats and monkeys.	**Villringer** Mechanisms of plasticity in the human brain.	**Hertz** Glucose and glycogen needs during learning in day-old chick - and during astrocytic K^+ uptake.	
:15				
:30				
:45				
10:00	**Porro** Action observation related networks identified at rest: functional and anatomical studies.	**Somersalo** Mining brain's energetic states: beyond parametric models.	**Bonvento** Role of astrocytes in neurometabolic coupling: a focus on glutamate transporters and connexins.	
:15				
:30				
:45				
11:00	*coffe break*	*coffe break*	*coffe break*	
:15				
:30	**Magri** Distinct LFP bands convey complementary information about the BOLD signal.	**Calvetti** Interaction between amino group and carbon balance in brain energy metabolism.	**Bouzier-Sore** The use of high resolution MRS to study brain metabolism: the role of glucose and lactate.	
:45				
12:00				
:15				
:30		**Poster session**		
:45				
13:00				

Sightseeing tour

	Chairman L. Hertz	*Chairman D. Calvetti*	*Chairman G. Bonvento*	
15:00			**Eschenko** Mapping the functional connectivity of noradrenergic nucleus Locus Coeruleus by means of electrical stimulation and fMRI in the rat.	
:15	**Piccini** Functional imaging in Parkinson's disease.	**Hoehn** Observing regeneration after experimental stroke.		
:30				
:45			**De Munck** Inter-ictal epileptic networks studied with EEG/fMRI and invasive EEG.	
16:00	**De Keyser** Cerebral metabolism and blood flow in multiple sclerosis.	**Iacovella** What is the relationship between BOLD signal and autonomic activity? A fast-TR fMRI study.		
:15				
:30			*coffe break*	
:45	*coffe break*	*coffe break*		Sightseeing tour
17:00				
:15	**Iannetti** The pain matrix "reloaded": a saliency-detection system for the body and the peripersonal space.	**Villringer** Neurophysiology of somatosensory processing in the human brain.	**Giove** The energetics of visual perception.	
:30				
:45			**Lemieux** Update on the study of epileptic activity using fMRI.	
18:00				
:15	**Discussion**	**Discussion**		
:30			**Final remarks**	
:45				