INTERNATIONAL SCHOOL ON MAGNETIC RESONANCE AND BRAIN FUNCTION – VI WORKSHOP

PROGRAM

	MONDAY, 19	TUESDAY, 20	WEDNESDAY, 21	THURSDAY, 22	FRIDAY, 23	SATURDAY,24
	Chairman B. Maraviglia	*Chairman W. S. Warren*	*Chairman R. Bowtell*		*Chairman R. Turner*	*Chairman F. Giove*
8.45	Opening					
9.00					**Warren** Imaging neuronal activity and other biomarkers with ultrafast lasers	**Gili** Cognitive modulation of the Default Mode Network
.15	**Kayser** Neural mass action studied with electrophysiology and fMRI	**Uğurbil** RF Fields in Human body at High Fields; Prospects for Body Imaging at High fields	**Uğurbil** Functional Imaging at High Fields; what is feasible			
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10.00	**Bowtell** Combining EEG, MEG and fMRI data: physics and applications	**Bowtell** Magnetic susceptibility effects at high field	**Mangia** Manipulation of relaxation rates and J-modulation by adiabatic pulses: relevance for studying brain metabolism by 1H MRS		**Guttmann** MRI, Image Analysis, and Informatics: Paths to Discovery in Diseases Affecting CNS White Matter	**Bianciardi** BOLD imaging of ongoing and evoked activity in human visual cortex
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.45	Coffee Break	Coffee Break	Coffee Break	Sightseeing tour	Coffee Break	Coffee Break
11.00						
.15	**Villringer** Multimodal imaging studies on background and evoked activity in the brain	**Turner** Visualization of visual area V5 with 7T MRI	**Mulkern** High b diffusion imaging in the brain: Ruminations and experimental insights		**Goense** fMRI and neurophysiology in alert and anesthetized monkeys	
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12.00	**Lemieux** The fusion of EEG and fMRI: why, how and what	**Gruetter** MR imaging and spectroscopy at 14.1Tesla: First results and perspectives	**De Stefano** Applications of ^{1}H MRSI in clnical neurology		**Liguori/Mazzei** A role for MRI in the evaluation of inherited neurological diseases: looking at CADASIL	
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.30					**Cassarà** Direct detection of neural currents by MRI. Advantages and disavantages of ULF techniques	
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13.00						

	Chairman R. Gruetter	*Chairman J. Ashburner*	*Chairman A. Villringer*		*Chairmen B. Maraviglia & G. Garreffa*	
15.00	**Valente** Predictive modeling of functional MRI data with machine learning	**De Stefano** Volumetric MR to assess and monitor neurological disorders	**Poster Session**		**Burgnoff** Brain Function Detected by Near-Infrared Spectroscopy (NIRS), Magnetoencephalography (MEG) and Low Field Magnetic Resonance (LF MR)	
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.45	**Esposito** Distributed analysis in simulatenous EEG-fMRI: modeling and interpretation issues	**Mackay** Techniques for investigation of brain pathology in vivo: T2 relaxation, T1 relaxation, Diffusion tensor imaging, and susceptibility weighted imaging	**Ashburner** Multivariate Analysis of Anatomical MRI	Sightseeing tour	Coffee Break	
16.00						
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.30	Coffee Break				State of the Art and New Targets of Instrumentation for MRI	
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17.00	**Porro** Inner representations of aversive events: pain vs. disgust					
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.45	**Iannetti** Specificity of the brain responses to sensory stimuli in humans					
18.00		**Warren** New signal enhancement methods for intermolecular multiple-quantum coherences				
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