

INTERNATIONAL SCHOOL ON MAGNETIC RESONANCE AND BRAIN FUNCTION – V WORKSHOP PROGRAM

	MONDAY, 7	TUESDAY, 8	WEDNESDAY, 9	THURSDAY, 10	FRIDAY, 11	SATURDAY, 12	
	<i>Chair B. Maraviglia</i>	<i>Chair N. K. Logothetis</i>	<i>Chair R. Bowtell</i>		<i>Chair R. Turner</i>	<i>Chair D. Auer</i>	
8.45	Opening			Sightseeing tour			
9.00	Logothetis On the Interpretation of Field Potentials	Le Bihan The wet mind: Water and Functional Neuroimaging	Bowtell MRI at 7T: Nottingham experience		Tracey fMRI for clinical Diagnoses and Drug discovery	Mangia Metabolism and hemodynamics of focal inhibition: an ongoing challenge for neuroscience	
.15			Van de Moortele Whole Brain Coverage with Functional and Structural Imaging at Ultra High Magnetic Field: Challenges and Solutions				Logothetis Functional MRI combined with Neuromodulator-Injections, Capillary Microsampling, and Electrical Microstimulation
.30							
.45	Villringer Assessment of Inhibitory Processes in Brain Imaging	Kim What's next for functional and diffusion MRI	Coffee Break		Auer Pharmacodynamic proton spectroscopy as an emerging tool to assess drug action		
10.00						Coffee Break	Coffee Break
.15	Bowtell Electromagnetic Field Calculation for MRI	Parker Combined diffusion tractography and fMRI-methods and application to recovery after brain injury	Gruetter Multinuclear high-field MR of the brain in the context of multidisciplinary imaging		Bifone Functional segregation and integration in networks of correlated brain activity		
.30						Turner Isotropic high-resolution imaging of human primary visual cortex at 3 Tesla	Formisano FMRI brain reading using machine learning methods
.45	Prüssmann Array detection in MRI	Maier Brain Tissue Microstructure Elucidated with MR Diffusion Imaging	Turner Isotropic high-resolution imaging of human primary visual cortex at 3 Tesla		Gais Using Pharmacology as a tool in fMRI and EEG research		
12.00						Coffee Break	Coffee Break
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.45							
13.00							

			14:30-15:00 Poster session		14:30-15:00 Poster session	
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	Chair R. Gruetter	Chair D. Le Bihan	Chairs A. Jasanoff & A. Bifone		Chairs B. Maraviglia & G. Garreffa	Chair I. Tracey	
15.00	Lemieux Recent developments in fMRI of spontaneous brain activity in patients with Epilepsy	Mackay Magnetic Resonance Techniques for investigation of brain pathology	Avison fMRI, Optical and Electrophysiological Correlates of Somatosensory Cortical Activation in Nonhuman Primates	Sightseeing tour	Jasanoff Molecular Probes for Non-invasive Imaging of Neural Signaling	Bozzali Brain volumetrics to investigate aging and pathological cognitive decline	
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.30	Porro Temporal dynamics of brain response to somatosensory stimulation: new insight from fast BOLD-fMRI	Villringer Assessment of Background Activity: Approaches and Relevance for functional Brain Imaging	Logothetis Manganese as paramagnetic tracer for the study of in vivo connectivity: Rat and Monkey Experiments		Avison fMRI, Electrochemical and Biochemical Studies of Insulin Effects on Striatal Dopamine Transporter	Esposito F. Independent Component Model of Functional MRI Time-Series: Task-independent Evaluation of Functional Connectivity in Normal and Clinical Populations	
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16.00	Coffee Break	Coffee Break	Coffee Break		Coffee Break	Coffee Break	
.15							
.30	Iannetti Single-trial analysis of event-related brain response: what is lost by standard averaging techniques?	Iannetti Are laser-evoked brain responses reflecting specific nociceptive processing?	Bifone Mapping functional connectivity in neurotransmitter systems using pharmacological MRI		State of the Art and New Targets of Instrumentation for MRI	Meyer News in research for advanced neuroimaging	Giove Metabolic Transients in Fixation-off Sensitivity
.45							
17.00	Hagberg On the measurement of MRI phase changes: From BOLD effects to direct detection of neuronal currents	Auer Combined fMRI/EEG analysis of the resting state	Discussion			Cadioli New features for High Field MR	
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.30					Clementi Advances in neuro MR technologies		
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Other activities:

Sunday, 6:

15.00 Posters can be posted from this time on in S. Domenico

19.00 Welcome gathering at Marsala Room