



Advanced High Field Imaging

Workshop Beijing, Nov.2./3.2004

Tian Tan Hospital

The workshop will be held on Nov.2./3. at Tian Tan Hospital Beijing under the auspices of the Chinese Radiological Society and the Key Laboratory of Cognitive Science, The Graduate school and Institute of Biophysics, Chinese Academy of Sciences.

It is sponsored through a research collaboration grant of the Helmholtz Gemeinschaft, Germany.

The main topic of the workshop will be an overview on current developments in Magnetic Resonance with a particular emphasis on High Field MR.

On day 1 the program will focus on **NEW ADVANCES IN CLINICAL MR** with an overview on the state-of-the-art in Head and Body Imaging.

The topic of day 2 will be **ADVANCED BRAIN IMAGING** and address current issues in neuroscientific applications of MR.

Schedule

2.11.	NEW ADVANCES IN CLINICAL MR	
9:00	Opening	
9:15-10:00	The Importance of RF on Ultra High Field Applications	Tony Enright
10:00-10:45	Overview on High Field MR	Hennig, Jürgen
10:45-11:00	Break	
11:00-11:45	Clinical High Field Body Imaging	Ghanem, Nadir
11:45-12:30	Perfusion MR: Principles and Clinical Applications	Strecker, Ralph
	L U N C H	
14:00-14:45	High Resolution Brain Imaging at 1.5 and 3T	Weigel, Matthias
14:45-15:30	MRS of the Brain	Büchert, Martin
	Break	
16:00-16:45	Methods and Applications for Diffusion Imaging	Ilyasov, Kamil
16:45-17:15	Approaches to Fiber Tracking	Kreher, Bjoern
17:15-18:00	Beyond 3T	Lawrence Wald

3.11.	ADVANCED BRAIN IMAGING	
9:00-9:45	New Technical Advances in fMRI	Hu, Xiao Ping
9:45-10:30	New Methodological Developments in functional neuroimaging	Speck, Oliver
	Break	
10:45-11:45	Presentations by Key Laboratory of Cognitive Science, Chinese Academy of Sciences	Kai Zhong Zhou Yan
11:45-12:30	How to do EPI at 3T	Zaitsev, Maxim
12:30-14:00	LUNCH	

Financial Support is gratefully acknowledged:

**Helmholtz-Foundation
European Chinese Society for Clinical Magnetic
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Siemens Medical Solutions**

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