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European Research Network for Investigating Human Sensorimotor Function in Health and Disease ERNI-HSF

Scientific Workshop:

Recent Advances In Magnetic Resonance Imaging and Lesion Reconstruction Techniques For Understanding Human Brain Function

Venue:
Hungarian Academy of Sciences, Budapest, Hungary.
21st-22nd April 2008

Invited Speakers Include:
Masud Husain
Institute of Cognitive Neuroscience, UK
Hans-Otto Karnath
University of Tuebingen, Germany
Christopher Rorden
University of South Carolina, USA

Attendance at this meeting is free however pre-registration is required as the number of attendees is limited to 80 persons. Some student bursaries may be available on application. To register and to obtain further information please contact Claire.Whitney@nottingham.ac.uk

Programme of events:

<u>**Monday 21st April: Hungarian Academy of Sciences**</u>

9.00-9.40:   **Registration** - **Hungarian Academy of Sciences**

9.40-10.10:   Prof. Stephen Jackson (Chair ERNI-HSF Steering Committee) -***"Welcome and overview of the ESF European Research Network Programme Investigating Human Sensorimotor Function in Health and Disease [ERNI-HSF]"***

10.10-10.55:   Prof. Masud Husain – ***"Challenges for lesion mapping"***

11.00-11.45:   Dr John Ashburner - ***"Image Registration and Tissue Segmentation"***

11.50-12.15   **Tea/coffee - Hungarian Academy of Sciences**

12.15-13.00:   Dr Jenny Crinion - ***"Spatial Normalization of lesioned brains using SPM5: performance evaluation and impact on fMRI analyses."***

13.00-14.00   **Lunch - Hungarian Academy of Sciences**

14.00-14.45:   Dr Thomas Bruhn (Scientific Officer: European Science Foundation)

14.50-15.35:   Dr Daniel Kimberg - ***"Spatial coherence and power in voxel-based lesion-behavior mapping"***

15.40-16.10:   **Tea/coffee - Hungarian Academy of Sciences**

16.10-17.00:   Dr Parashkev Nachev - ***"Barking up the wrong tree: the problem with mass univariate analysis in lesion-function brain mapping."***

<u>**Tuesday 22nd April: Hungarian Academy of Sciences**</u>

9.30-10.15:   Prof Otto Karnath - ***"Strategies in lesion-symptom analysis"***

10.20-11.05:   Dr Chris Rorden – "***Lesion Behaviour Statistics"***

11.10-11.40:   **Tea/Coffee - Hungarian Academy of Sciences**

11.45-12.30:   Dr Alex Leff - ***"Lesion identification using unified segmentation-normalisation models and fuzzy clustering"***

12.30-13.15:   Dr Simon Eickhoff - ***"Integrated analysis of lesions and their effects in an anatomically defined framework"***

13.15-14.15:   **Lunch - Hungarian Academy of Sciences**

14.15-16.30:   Dr Chris Dijkerman and Dr Rob McIntosh - ***"Discussion Session: Establishing a European Neuropsychological database to support large-scale lesion reconstruction studies of human sensorimotor function"***

16.30:   Workshop ends