SUMMER SCHOOL ON
TRANSCRANIAL MAGNETIC STIMULATION
IN COGNITION

25 & 26 May 2007

Host: Professor Vincent Walsh
Institute of Cognitive Neuroscience (ICN) and Dept of Psychology, UCL

DAY 1 Morning

Professor Vincent Walsh
ICN, UCL
CHAIR

Dr Matthew Rushworth
Experimental Psychology, University of Oxford
*Functional interactions of frontal cortex during attentional selection and action selection*

Professor Martin Eimer
Dept of Psychology, Birkbeck College, University of London
*Combined TMS/ERP investigations of attentional control and selectivity in vision*

Dr Joseph Devlin
Dept of Psychology, UCL
*Stimulating language: insights from TMS*

Dr Roi Cohen Kadosh
ICN, UCL
*Numerical processing in the parietal lobes*
DAY 1 Afternoon

Professor Alan Cowey
Experimental Psychology, University of Oxford
CHAIR

Dr Neil Muggleton
ICN, UCL
*The frontal eye fields in vision*

Professor Vincent Walsh
ICN, UCL
*Cortico-cortical interactions in vision*

Professor Alvaro Pascual-Leone
Center for Non-Invasive Brain Stimulation, Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, MA, USA.
*Study and modulation of plasticity with TMS*

Professor Salvatore M Aglioti
Dept of Psychology, University of Rome "La Sapienza", and IRCCS Fondazione Santa Lucia, Rome, Italy
*Pain and touch in action*
DAY 2 Morning

Professor Robert Rafal
Dept of Psychology, University of Wales, Bangor
CHAIR

Dr Alexander Sack
Dept of Cognitive Neuroscience, Faculty of Psychology, Maastricht University, The Netherlands.
Parietal cortex and spatial cognition: combining fMRI, TMS and behavioural studies

Professor Michal Lavidor
Dept of Psychology, University of Hull
Form-specific priming in the right hemisphere

Professor Simone Rossi
Dept of Neuroscience, University of Siena, Italy
TMS studies of memory

Dr Domenica Bueti
Institute of Cognitive Neuroscience, University College London
Time perception
DAY 2 Afternoon

Professor Tomas Paus
Brain and Body Centre, University of Nottingham
CHAIR

Professor Antonio Strafella
Dept of Neurology, University of Toronto, Canada
Fronto-striatal functional interactions investigated with TMS/PET

Professor Klaus Funke
Dept of Neurophysiology, Medical Faculty, Ruhr-University Bochum, Germany
Cortical effects of TMS in experimental animals:
  single cell activity in V1, VEPs and protein expression

Dr Sven Bestmann
Functional Imaging Laboratory, The Wellcome Trust Centre for Neuroimaging, Institute of Neurology, UCL
Visualising TMS-evoked cortico-cortical connectivity using concurrent TMS-fMRI

Dr Orlando Swayne
Sobell Institute, Institute of Neurology, University College London
Non-invasive brain stimulation - what are we changing, and what can we learn?

DEMONSTRATIONS

Dr Chris Chambers
ICN, UCL
Calibrating TMS intensity
There will be displays of magnetic stimulation, neuronavigation and electrophysiological products by:

*The Magstim Company*

*Rogue Research*

The winner of the *Magstim Young Investigator Award* will be announced at the meeting. Nominations, including self nominations, should be sent to Vincent Walsh (v.walsh@ucl.ac.uk)

Venue:
Lecture Theatre One, Cruciform Building, Gower Street, London WC1E 6BT

**REGISTRATION:** To attend the SUMMER SCHOOL you **MUST** register
Please contact: Rosalyn Lawrence, Secretary, ICN, UCL.
Email: rosalyn.lawrence@ucl.ac.uk

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