

**Transcranial Magnetic Stimulation in Plasticity and Rehabilitation Summer School**  
**Friday 30 May and Saturday 31 May 2008**  
**Venue: Kennedy Lecture Theatre, Institute of Child Health, University College London,**  
**30 Guildford Street, London, WC1**

*DAY 1 Friday 30 May 2008*

**REGISTRATION & WELCOME**

**Morning**

**Professor Paolo Rossini**, L' Associazione Fatebenefratelli per la Ricerca, Italy  
*Plenary Lecture: An overview of brain stimulation and rehabilitation*

**Session One**

**Brain stimulation for modifying and monitoring brain plasticity in healthy subjects**

**Professor Joseph Classen**, Department of Neurology, University of Würzburg, Germany  
*Paired Associative Stimulation*

COFFEE

**Professor Walter Paulus**, Universitätsmedizin Göttingen, Georg-August-Universität, Germany  
*Monitoring plasticity and excitability with tDCS*

**Professor Marcello Massimini**, Department of Clinical Sciences, Hosp. L. Sacco, Milan, Italy  
*TMS induced oscillations during sleep: implications for learning and memory*

LUNCH

**Session Two**

**Monitoring adaptive and maladaptive plasticity in disease**

**Afternoon**

**Dr Nick Ward**, Wellcome Trust Centre for Neuroimaging, University College London  
*Brain stimulation and CST integrity post stroke*

**Professor Hartwig Siebner**, Klinik für Neurologie, Christian-Albrechts-Universität, Kiel, Germany  
*TMS and dystonia*

TEA

**Professor Alexander Thiel**, Dept Neurology & Neurosurgery, McGill University, Montreal, Canada  
*Brain Stimulation and language networks in patients with focal brain lesions*

**Professor Simone Rossi**, Dipartimento di Neuroscienze, Università di Siena, Italy  
*The physiological basis of cross-modal interactions on human motor system*

**Reception and Prize Givings**

**DAY 2 Saturday 31 May 2008**

**Morning**

**Session Three  
Physiological and pharmacological measures of induced change**

**Professor Ulf Ziemann**, Klinikum der Johann Wolfgang Goethe-Universität Frankfurt am Main  
*Pharmacological modulations of stimulation induced plasticity*

**Dr Charlie Stagg**, Centre for Functional Brain Imaging, University of Oxford  
*Neurochemical changes following brain stimulation*

COFFEE

**Awarded Student Presentations**

*Student Presentation One*

*Student Presentation Two*

LUNCH

**Session Four  
Therapeutic brain stimulation for rehabilitation**

**Afternoon** **Professor John Rothwell**, Sobell Dept, Institute of Neurology, University College London  
*Can rTMS really work as therapy?*

**Professor Gottfried Schlaug**, The Music and Neuroimaging Laboratory, Harvard Medical School  
*tDCS and stroke*

TEA

**Dr Friedhelm Hummel**, Department of Neurology, University Medical Center Hamburg-Eppendorf,  
*TMS/tDCS in stroke patients*

**Professor Mark George**, Medical University of South Carolina  
*TMS and depression*

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

There will be displays of magnetic stimulation, neuronavigation and electrophysiological products by:  
***The Magstim Company and 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](mailto:v.walsh@ucl.ac.uk))