OHBM 2014 Oral Sessions

Wednesday, June 11, 2014

O-WI: Brain Stimulation

Chair: Michael Nitsche, *Georg-August-University of Göttingen, Göttingen, Germany*

10:30-10:45
1236: Transcranial direct current stimulation over the parietal cortex modulates arithmetic learning
Roland Grabner, *Georg-August-University of Göttingen, Göttingen, Germany*

10:45- 11:00
1561: Modulating plasticity in the atypically developing brain to enhance learning and cognition
Chung Yen Looi, *University of Oxford, Oxford, UK*

11:00-11:15
1529: Transcranial direct current stimulation modulates networks of working memory in ADHD adolescents
Anna Sotnikova, *Philips-University, Marburg, Germany*

11:15 – 11:30
3556: TMS to preSMA at rest induces activity in frontal-basal-ganglia network that influences inhibition
Benjamin Xu, *NIH, Bethesada, MD, USA*

11:30-11:45
2304: Distinct parieto-frontal networks for auditory word comprehension. A combined cTBS-fMRI study.
Gesa Hartwigsen, *Kiel University, Kiel, Germany*

O-W2: Resting-State Networks and Functional Parcellation

Chair: Serge Rombouts, *Leiden University Medical Center, The Netherlands*

10:30-10:45
3798: Brain regions extraction from rest fMRI using stochastic total-variation dictionary learning
Alexandre Abraham, *INRIA, Saclay, France*

10:45- 11:00
1923: Functional Parcellation of the Cortex from rs-fMRI with Graph-based Methods and shape priors
Nicolas Honnorat, *University of Pennsylvania, Philadelphia, PA, USA*

11:00-11:15
3439: Functional parcellation of the human thalamus using internal network dynamics
Erik van Oort, *MIRA Institute, University of Twente, Donders Institute, Radboud University Nijmegenm, Nijmegen, The Netherlands*

11:15 – 11:30
1824: Dynamic functional connectivity: Better characterized by separated states or a mixture of patterns?
Nora Leonardi, *Ecole Polytechnique Fédérale de Lausanne, Lausanne, Switzerland*

11:30-11:45
421: Time-resolved functional connectomics: Dynamics of human brain connectivity at rest
Andrew Zalesky, *Melbourne Neuropsychiatry Centre, The University of Melbourne, Victoria, Australia*

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O-W3: Perception and Attention

Chair: Lars Muckli, *University of Glasgow, Glasgow, Scotland*

10:30-10:45
1464: Resolving human object recognition in space and time
Radoslaw Cichy, *Massachusetts institute of technology, Cambridge, MA, USA*

10:45- 11:00
3149: Response Latencies in Human Auditory Cortex: An Intracranial Electrophysiology Study
Krill Nourski, *The University of Iowa, Iowa City, IA, USA*

11:00-11:15
686: The neural dynamics of Bayesian model updating in the somatosensory system
Dirk Ostwald, *Bernstein Centre Berlin, Berlin, Germany*

11:15 – 11:30
1106: How is the body (and its parts) represented in visual cortex?
Stefania Bracci, *Trento University, Rovereto, Italy*

11:30-11:45
2064: Visual Hierarchy revealed through directed influence asymmetries at distinct frequency bands
Julien Vezoli, *Ernst Strüngmann Institute (ESI) for Neuroscience in Cooperation with Max Planck Society, Frankfurt, Germany*

O-W4: Developmental Disorders

Chair: Tonya White, *Erasmus MC, Rotterdam, The Netherlands*

10:30-10:45
676: Dysmaturation of Functional Connections Between Cortical Language Areas in Autism
Stuart Washington, *Georgetown University Medical Center, Washington, DC, USA*

10:45- 11:00
3043: Involuntary interference in emotion dysregulation: Amygdala hyper-modulation of brain networks
Kristy Abraham, *Wayne State University, Detroit, MI, USA*

11:00-11:15
931: Prenatal depressive symptoms, intelligence and brain morphology - a population-based imaging study
Henning Tiemeir, *Erasmus Medical Centre -Sophia Children's Hospital, Rotterdam, The Netherlands*

11:15 – 11:30
2820: Impaired manual dexterity in Autism correlates with abnormalities in short fronto-parietal networks
Abigail Thompson, *Institute of Psychiatry, London, UK*

11:30-11:45
3203: A DTI-tractography study of newborns: white matter changes associated with prenatal alcohol exposure
Paul Taylor, *UCT, AIMS, Cape Town, South Africa*