PUFENDORF INSTITUTE
FOR ADVANCED STUDIES

Microstructures of Learning: Novel methods and approaches for assessing structural and functional changes underlying knowledge acquisition in the brain

Welcome to an international symposium on Microstructures of Learning arranged by The Pufendorf Institute and the HuMeNS-group.

Speakers from the HuMeNS-Advanced Study Group

Johan Mårtensson, Dept. of Psychology, Lund University,
"Proficiency and brain structure during intense language learning"

Markus Nilsson, Lund University BioImaging Center,
"Quantification of diffusional anisotropy in regions of complex tissue microstructure using non-conventional diffusion MRI"

Mikael Roll, Dept. of Linguistics, SOL-Center, Lund University,
"ERP–exploring the temporal microstructure of cognitive functions in the brain"

Yury Shtyrov, CFIN, Århus University,
"Electrophysiological and haemodynamic biomarkers of rapid acquisition of novel wordforms"

Daniel Topgaard, Dept. of Chemistry, Lund University
"Multidimensional diffusion MRI: From colloid science to learning studies"

Invited speakers

Yaniv Assaf, Dept. of Neurobiology, Tel Aviv University,
"New Insights into Neuroplasticity from Micro-structural MRI"

Ruth de Diego Balaguer, Cognition and Brain Plasticity Group, University of Barcelona,
"Brain structural and functional differences associated to language learning abilities"

Derek Jones, School of Psychology, Cardiff University,
"Tractometry"

Teija Kujala, Cicero Learning, University of Helsinki, and Institute of Behavorial Science, University of Helsinki,
"Plasticity of early neural language processes"

Date

May 23, 2014

Venue

Piratensalen, Grand Hotel, Bantorget 1, Lund

Registration

Participation is free of charge but registration via the symposium home page: http://konferens.ht.lu.se/microl-2014/ no later than April 30 is necessary.
A "no show-fee" of 300 SEK will be charged unless cancellations are made in advance.