



“The Dynamic Brain”

Marseille, 27-29 November



Wednesday 27th November 2013

Conceptualizing brain function through cognitive representations

Eric Halgren (San Diego) Dynamics of word understanding

E.T. Rolls (Oxford) The dynamics of hippocampal and related attractor networks in memory

Elizabeth Murray (Bethesda) What's it worth? Orbital prefrontal cortex contributions to reward-based decision making

Epilepsy: a dynamical disease

Fernando Lopes da Silva (Amsterdam) Dynamics of absence seizures: insights from experimental and computational models

John Huguenard (Stanford) Dynamic and adaptive responses of the thalamocortical system in epilepsy with emphasis on endozepines

Andreas Schultze-Bonhage (Freiburg) Seizure occurrence in focal epilepsy - to what degree are we approaching predictability in the long run?

Special lecture

Giacomo Rizzolatti (Parma) Mirror neurons : 20 years after the discovery

Thursday 28th November 2013

Dynamic mapping of the brain

Ole Jensen (Nijmegen) An oscillatory mechanism for prioritizing neuronal processing

Christoph Michel (Geneva) Electrical neuroimaging as a tool for the investigation of neuronal dynamics in the healthy and the epileptic brain

Pedro Valdes-Sosa (La Havana) Incorporating prior knowledge into the estimation of effective connectivity

Modeling the functional brain

Randy McIntosh (Toronto) Noise as information currency in the brain

Peter Tass (Jülich) Unlearning pathological synchrony by coordinated reset neuromodulation

Michael Breakspear (Brisbane) Dwelling quietly in the rich club : brain network determinants of slow cortical fluctuations

Friday 29th November 2013

Rising stars at INS

Venue and access: MPM Hémicycle, Le Pharo, 58 boulevard Charles Livon, 13007 Marseille

Access is free; registration via the conference website is mandatory

<http://ins.medecine.univmed.fr/event/ins-conference-the-dynamic-brain/>

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