Workshop at CNS 2013, Paris, 18 July 2013

VALIDATING NEURO-COMPUTATIONAL MODELS OF NEUROLOGICAL AND PSYCHIATRIC DISORDERS

Register for the workshop at: http://www.cnsorg.org/cns-2013-paris

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- **Romain Brette**, Ecole Normale Superieure, Paris, France
- **Claudio Babiloni**, University of Rome "La Sapienza", Rome, Italy
- **Ingo Bojak**, University of Reading, UK
- **Rosalyn Moran**, Virginia Tech Carilion Research Institute, USA
- **Dimitrios Pinotsis**, University College London, UK
- **Udo Ernst**, Institute for Theoretical Physics, University of Bremen, Germany
- **Andre Marreiros**, Max Planck Institute for Biological Cybernetics, Germany

Organiser and Chair:
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Co-Organiser:
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Rosalyn J. Moran

Goals:

- Potential methods of meaningful validation of neuro-computational models with experimental data.

- Ways of benchmarking validation of different modelling approaches towards a given goal (e.g. modelling EEG anomalies), so that different models may be compared in meaningful ways.

- Potential new collaborations and leverage existing ones to advance the field.

Example Topics:

- Parkinson's Disease; Alzheimer's Disease; Epilepsy

- Pharmacological interventions in validating model inference, e.g. modelling Cholinesterase inhibition

- Cross modal inference: fMRI, structural MRI, Grid Electrodes

Details available at https://sites.google.com/site/bsenbhattacharya/Home/cns