INC Day 2016 : Sensorimotor learning

Thursday, November 3rd 2016

Amphithéâtre Vulpian, Université Paris Descartes
12, rue de l'Ecole de Médecine, Paris 6ème


Program

9:00-9:30 : Breakfast and Welcome Address

- Claude Meunier (Director of INC) and Arthur Leblois

9:30-10:30 :

- Keynote Lecture by Paul Dean (University of Sheffield) : The Role of the Cerebellum in Sensorimotor Learning, introduced by C. Levenes
10:30-12:30 Session Learning to walk (Chairman: M. Tagliabue)

- Jean-René Cazalets (Institut de Neurosciences cognitives et intégratives d’Aquitaine), *Spinal control of dynamic posture in mammals*
- David Anderson (San Francisco State University), *How does Motor Activity Induce Psychological Change*
- Christine Chevallereau (Institut de Recherche en Communications et Cybernétique de Nantes), *Computational morphology and humanoid robot walking*

12:30-14:00 Lunch in Galerie Saint-Germain

14:00-16:00 Session Learning to see (Chairman: Mathieu Beraneck)

- Markus Lappe (Université de Münster), *Plastic processes in saccadic eye movements and visual space perception*
- Nadia Alahyane (VAC, Paris Descartes), *Flexibility and plasticity of saccadic eye movements in preschool children*
- Ryad Benosman (Institut de la Vision, Paris), *Neuromorphic Event-based time oriented vision: A framework to unify computational and biological vision."

16:00-16:30 Coffee break

16:30-18:30 Session Learning to speak (Chairman: Thierry Nazzi)

- Luciano Fadiga (Istituto Italiano di Tecnologia, Ferrare), *Sensorimotor processing of interaction and communication*
- Ofer Tchernichovski (Hunter College, The City University of New York), *Mechanisms of developmental vocal learning in songbirds: from imitation to culture."
- Julien Meyer (CNRS, Gipsa Lab, Grenoble), *Perception and learning of whistled speech, basis and first steps*

18:30-19:00 Conclusion and Refreshments