



June 3-4, 2013. Institut Henri Poincaré, Paris, France

We are pleased to announce the workshop « Feedback and Synchronization in Neuroscience » as a part of the Interdisciplinary Symposium on Signals and Systems for Medical Applications (ISSMA 2013). This workshop aims at gathering expertise from different disciplines (neuroscience, control theory, and medicine) around four sessions. It will take place at Institut Henri Poincaré (Paris) on June 3-4, 2013 in parallel with:

- Workshop on modeling and analysis of cancer cell dynamics
- Workshop on medical imaging.

The workshop is made of four invited sessions and a poster session. Contributions to the poster session should be submitted as an abstract through the workshop website before March 15, 2013.

Four Invited Sessions

Session 1.1

From neurons to neuronal populations dynamics

Session 1.2

Healthy and pathological oscillations in basal ganglia

Session 1.3

Synchronization in neuroscience

Session 1.4

Identification and observer design in neuroscience

Organizers:

- Antoine Chaillet (Univ. Paris Sud - Supélec, L2S)
- Elena Panteley (CNRS, L2S)
- William Pasillas-Lépine (CNRS, L2S)

Contact: issma2013@sciencesconf.org

Website / registration / abstract submission:

<http://issma2013.sciencesconf.org/>

Confirmed Speakers

- **Rafal Bogacz** – Univ. Bristol (UK)
- **Thomas Boraud** – CNRS, Univ. Bordeaux (France)
- **Guillaume Drion**, Univ. Liège (Belgium)
- **Constance Hammond** – INSERM, INMED (France)
- **Boris Gutkin** – ENS Paris (France)
- **Henk Nijmeijer** – TUE (the Netherlands)
- **Stéphane Palfi** – CEA, Henri Mondor Hospital (France)
- **Elena Panteley** – CNRS, L2S (France)
- **William Pasillas-Lépine** – CNRS, L2S (France)
- **Romain Postoyan** – CNRS, CRAN (France)
- **Michael Rosenblum** – Univ. Potsdam (Germany)
- **Alex Roxin** – CRM (Spain)
- **Sridevi V. Sarma**, Univ. John Hopkins (USA)