Interdisciplinary Symposium on
Signals & Systems for
Medical Applications

# - Workshop -
# Modeling and analysis of cancer cell dynamics

Paris IHP. June 3-4, 2013

## 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 (ISSSMA 2013). This workshop aims at gathering expertise from different disciplines (control theory, signal and image processing, data mining and knowledge extraction, biology and medecine) around four sessions. It will take place at Institut Henri Poincaré (Paris) on June 3-4, 2013 in parallel with:

- Workshop on feedback and synchronization in neuroscience
- 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 2.1
Cancer modeling with new insight on therapeutics

Session 2.2
Modeling of acute myeloid leukemia

Session 2.3
Cell cycle and clock modeling for cancer 1

Session 2.4
Cell cycle and clock modeling for cancer 2

Website / registration / abstract submission:
http://isssma2013.sciencesconf.org/

### Confirmed speakers

- **Mostafa Adimy** – INRIA (France)
- **Jean Clairambault** – INRIA (France)
- **Franck Delaunay** – IBV, Univ. Nice (France)
- **François Delhommeau** – UPMC, INSERM (France)
- **François Fages** – INRIA (France)
- **Claude Gérard** – ULB (Belgium)
- **Albert Goldbeter** – ULB (Belgium)
- **Pierre Hirsch** – St Antoine Hospital (France)
- **Peter Kim** – Univ. Sydney (Australia)
- **Doron Levy** – Univ. Maryland (USA)
- **Francis Lévi** – INSERM (France)
- **Anna Marciniak-Czochra** – Univ. Heidelberg (Germany)
- **Ali Mohammad-Djafari** – L2S, CNRS (France)
- **Hitay Ozbay** – Univ. Bilkent (Turkey)
- **Filippo Tamanini** – Erasmus Univ. Medical Center (NL)
- **Pauline Traynard** – INRIA (France)

**Organizers:**
- Catherine Bonnet (INRIA, L2S)
- Ali Mohammad-Djafari (CNRS, L2S)

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