

## HSCB 2009 Program

### Program Overview

07:30 – 08:30 *Breakfast* (Cyril Magnin Foyer)  
08:30 – 11:30 *Workshop* (Mission II/III)  
11:30 – 01:00 *Lunch* (Cyril Magnin Foyer)  
01:00 – 05:00 *Workshop* (Mission II/III)

### Program

8:30 – 8:45 Introduction (Calin / Radu)

08:45 – 09:30 Gregory Batt: *A general computational method for robustness analysis with applications to synthetic gene networks*  
09:30 – 10:15 Bud Mishra: *Algebra, Automata, Algorithms, Biology and Beyond*  
10:15 – 11:00 Radu Grosu: *Spatial Abstraction in Reaction-Diffusion Systems*  
11:00 – 11:30 Panel 1: *Formal verification approaches to systems biology*

11:30 – 01:00 *Lunch*

01:00 – 01:45 Ashish Tiwari: *Analyzing the Analyzing the Aplysia Central Pattern Generator*  
01:45 – 02:30 Calin Belta: *Formal approaches to analysis and synthesis of gene networks*  
02:30 – 03:15 Eugenio Cinquemani: *Stochastic dynamics of genetic regulatory networks: Modelling and identification*  
03:15 – 04:00 Emanuela Merelli: *Model Checking Biological Oscillators*  
04:00 – 05:00 Panel 2: *Bridging the gap between computation and experiments in systems biology*