

Wednesday, December 11 th		Thursday, December 12 th		Friday, December 13 th	
9:00-9:20	<i>Registration</i>	9:00-10:00	A. Boudaoud <i>Stochasticity in plant growth and morphogenesis</i>	9:00-10:00	A. Carbone <i>Conservation and co-evolution: from sequence analysis to protein-protein interactions</i>
9:20-9:30	<i>Welcome address</i>	10:00-11:00	V. Fromion <i>Constraint-based approaches as a promising tool to handle the complexity of life : the bacterium as an example</i>	10:00-11:00	S. Robin <i>Modelling heterogeneity in interaction networks</i>
9:30-10:30	H. Berestycki <i>Propagation in non-homogeneous media</i>	11:00-11:30	<i>Coffee break</i>	11:00-11:30	<i>Coffee break</i>
10:30-11:30	A. Bertozzi <i>Mathematics of Crime</i>	11:30-12:30	V. Volpert <i>On the emergence and evolution of biological species</i>	11:30-12:30	C. Matias <i>Stochastic block models for random graphs</i>
11:30-12:00	<i>Coffee break</i>	12:30-14:00	<i>Lunch break</i>	12:30-13:30	F. Bach <i>Large-scale convex optimization for machine learning</i>
12:00-13:00	G. Toscani <i>Wealth and knowledge in multi-agent systems</i>	14:00-15:30	Poster sessions	13:30-15:00	<i>Lunch break</i>
13:00-14:30	<i>Lunch break</i>	15:30-16:30	B. Maury <i>The respiratory system from all sides</i>	15:00-16:00	J. A. Carrillo <i>Stability and pattern formation in nonlocal interaction Models</i>
14:30-15:30	G. Bernot <i>An extension of Hoare logic to identify the parameters of a gene regulatory network</i>	16:30-17:30	D. Holcman <i>Bursting in small and large neuronal network : from physiology to analysis</i>	16:00-17:00	S. Méléard <i>Stochastic modelling of Darwinian evolution</i>
15:30-16:30	T. Coolen <i>Solvable model of an immune network on a finitely connected heterogeneous graph with extensively many short loops</i>				
16 :30-16 :45	<i>Coffee break</i>				
16:45-17:45	V. Danos <i>Thermodynamic graph-rewriting</i>				