

# WORKSHOP DE BIOMATEMÁTICA – 2007

*New Program 28/8/2007*

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
09:00-10:00	S. Smale "On the Mathematics of Vision"	V.M Kenkre "Allee Effects in Biological Phenomena via Reaction-Diffusion Equations: Pattern Formation and Epidemics Spread"	J. Clairambault "Modelling circadian and pharmacological controls on the cell cycle and tumour growth"	M. Doumic "A physiological age and molecule-content structured model for the cell division cycle"	D. Oelz A model for the Actin-cytoskeleton in the Lamellipodium of living cells	M. de Souza Discrete and Continuous Models for Evolutive Dynamics: An Unified Approach
10:00-10:30	<b>C O F F E E      B R E A K</b>					
10:30-11:30	P. Markowich "Reaction Diffusion Convection Equations and Entropies"	C. Mocenni "Cue-Triggered Addiction and Natural Recovery"	P. Milewski "Large molecules and close receptors: models for geometric interference"	S. Genieys "Modelling evolutionary branching by a nonlocal Fisher equation"	P. Michel Analysis of a Follicles Ovulation's Model	J. Koiller; P. Markowich J. P. Zubelli  (Closing Round Table)
11:30-12:30	<b>Discussion Session for Students (G. Malajovich and J. Koiller)</b>					
12:30-15:00	<b>L U N C H</b>					
15:00-16:30	Minicourse: F. Chalub "An Introduction to Evolutionary Game Theory"	Minicourse: F. Chalub "An Introduction to Evolutionary Game Theory"	Minicourse: S. Boatto Mathematical Modeling: A Few Challenges	Minicourse: S. Boatto Mathematical Modeling: A Few Challenges		
16:30-17:00	<b>C O F F E E      B R E A K</b>					
17:00-18:30	Minicourse: J. Pacheco "Evolutionary Games on Graphs"	Minicourse: J. Pacheco "Evolutionary Games on Graphs"	Student Contributed Presentations  17:00 – 17:30 Laura Roditi  17:40 – 18:10 Pedro Maia	A. Pinto The analytic expressions of the phase transition lines of the spatial stochastic epidemic model SIRI in the pair approximation scheme 17:00 – 18:00  B.M.P.M. Oliveira Transcritical bifurcation in an immune response model with Tregs 18:00 – 18:30  Contributed Presentation Session 19:00 – 20:30	Boat Trip  Free  Afternoon	
18:30-20:30	Posters – Wine	GEOMA Special Session Sparacino Zubelli	Posters – Wine			
20:30-22:00	Dinner					