IFISC, Palma de Mallorca, Spain (8-19 September, 2014)

First week September 8-12

	Monday	Tuesday	Wednesday	Thursday	Friday		
9:00-10:15		P. Tarazona Biophysical models for lipid membranes and proteins					
10:15-10:45		Coffee Break					
10:45-12:00		A. Pikovsky Theory of coupled oscillator dynamics					
12:00-13:15	12.00.11.20	E. Hernández-García Large-scale transport in oceans					
	13:00-14:30 Lunch						
13:15-15:00	14:30-15:00 Opening	Lunch					
15:00-16:00	P. Tarazona Biophysical models	IFISC presentation	Keynote talk L. Schimansky- Geier	Tutorial C. Van der Broeck	Seminar R. Zambrini		
16:00-16:10	Break						
16:10-17:10	A. Pikovsky Coupled oscillators	Hands on Biophysical models	Students 4 min talks	Hands on Coupled oscillators	Hands on <i>Large</i> scale transport		
17:10-17:30	E. Hernández-	moueis		oscillators			
17:30-18:10	García Large-scale transport	Hands on Coupled	Hands on Biophysical models	Hands on <i>Large</i> scale transport			
18:10-18:50		oscillators					

Keynote talk: *Active particles and their stochastic modelization*, Lutz Schimansky-Geier, Humboldt Universität, Berlin, Germany

Tutorial: *A short introduction to large deviations*, Chris van den Broeck, Universiteit Hasselt, Belgium Seminar: *Synchronization, correlations and entanglement in quantum oscillators*. Roberta Zambrini IFISC (UIB-CSIC).

Locations:

- Lectures: Classroom 5, Antoni M. Alcover building.
- Coffee breaks & poster sessions: IFISC basement floor.
- Seminars and Students' oral presentations: IFISC seminar room.
- Lunch: Cafetería at Campus Sport.
- Hands On sessions: computer classroom AIMO15 on the 1st floor of Mateu Orfila building.

Second Week, September 15-19

	Monday	Tuesday	Wednesday	Thursday	Friday	
9:00-10:15	9:30-10:30 Tutorial D. Sánchez	J. Ortín Dynamics of flows in disordered media				
10:15-10:45	10:30-11:00 Coffee Break	Coffee Break				
10:45-12:00	11:00-12:00 Talk R. López	D. Walgraef Pattern formation: from Turing to nanoscience				
12:00-13:15	12:00-13:15 Students 4 min talks.	V. M. Eguíluz Interactions in complex systems: complex, multilayer and temporal networks				
13:15-15:00	Lunch					
15:00-16:00	J. Ortín Dynamics of flows	Seminar T. Sintes	Seminar J.J. Ramasco	Seminar D. Gomila		
16:00-16:10	Break					
16:10-17:10	D. Walgraef Pattern formation	Hands on Dynamics of Flows	Hands on <i>Pattern</i> formation (D. Gomila)	Hands on Complex networks		
17:10-17:30	V. M. Eguíluz	1 10 113	(D. Goillia)	(J. Fernández)		
17:30-18:10	Complex networks	Hands on Complex	Hands on	Hands on Pattern		
18:10-18:50		networks (J. Fernández)	Dynamics of Flows	formation (D. Gomila)		

Tutorial: Quantum transport in nanostructures, David Sánchez, IFISC (UIB-CSIC).

Seminars:

- Monday: Many-body effects at nanoscale Rosa López, IFISC (UIB-CSIC).
- Tuesday: *Non-equilibrium growth processes applied to marine ecology,* Tomás Sintes, IFISC (UIB-CSIC).
- Wednesday: *Transportation networks: structure, organization and propagation phenomena*, José Javier Ramasco, IFISC (UIB-CSIC).
- Thursday: Spatiotemporal dynamics of dissipative solitons, Damià Gomila, IFISC (UIB-CSIC).