

X GEFENOL Summer School on Statistical Physics of Complex Systems

IFISC, Palma de Mallorca, Spain, August 29 – September 2, 2022

Program

	Monday	Tuesday	Wednesday	Thursday	Friday
8:30 – 9:00	Opening				
9:00 – 10:00	Erwin Frey, <i>Self-organization of Protein Patterns</i>				Lara Lloret, <i>Deep Learning</i>
10:00 – 11:00	Ernesto Estrada, <i>Complex Networks: Theory and Applications</i>				
11:00 – 11:30	Coffee break & Poster session				
11:30 – 12:30	Olivier Dauchot, <i>From Collective Motion to Collective Actuation in Populations of Polar Active Units</i>				
12:30 – 13:30	Lara Lloret, <i>Deep Learning for Data Analysis</i>				Erwin Frey, <i>Self-organiza...</i>
13:13 – 15:00	Lunch & discussion time				
15:00 – 15:20	IFISC present.	Seminar D. Gomila	Seminar C. Mirasso	Seminar M. C. Soriano	Hands on From Collective motion...
15:20 – 16:00	Student's 3-min presentations about themselves	Hands on Self- organization of protein patterns	Hands on From Collective motion...	Hands on Self- organization of protein patterns	
16:00 – 16:20					
16:20 – 17:20					Hands on Complex Networks
17:20 – 17:40	Poster Session	Hands on Complex Networks	Hands on Deep Learning for Data Analysis	Hands on Deep Learning for Data Analysis	
17:40 – 18:40					

Seminar: Damià Gomila, IFISC (UIB-CSIC), *Pattern Formation in Posidonia Meadows*.

Seminar: Claudio Mirasso, IFISC (UIB-CSIC), *Modelling and synchronization of neuronal populations*.

Seminar: Miguel Cornelles Soriano, IFISC (UIB-CSIC), *Photonic Reservoir Computing*.

Antoni M. Alcover building, Room 5. Lectures and on Thu-Fri seminar and hands on.

Research Institutes building. IFISC basement. Posters and Coffee Breaks.

Research Institutes building. Ground floor seminar room. Mon-Wed seminar & hands-on sessions.

Son Lledó building. Cafeteria. Lunchs.

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