Patterning principles in biophysics

May 25 - 29 2026

Ecole Nationale de voile et de sports nautiques, Beg Rohu, 56510 Saint-Pierre-Quiberon, France

Time	Speaker	Title
Monday, May 25th		
12:00 pm	**Arrival (no lunch included)**	
3:30 pm –5:00 pm	L. Pontani	Adhesion-Driven Self-Organization: A Biomimetic Route to the Physics of Morphogenesis
5:00 pm -5:30 pm	Coffee break	
5:30 pm – 7:00 pm	**Short talk session**	
7:00 pm - 7:45 pm	Dinner	
Tuesday, May 26th		
9:00 am –10:30 am	A. Dupin	Synthetic Gene Circuits to Program Biopatterning : Design Rules and Trade-Offs
10:30 am –11:00 am	Coffee break	
11:00 am –12:30 pm	U. Schwarz	Resource allocation as patterning principle in biological systems
12:30 pm –2:00 pm	Lunch	
2:00 pm –5:30 pm	**Sailing or free time**	
5:30 pm –7:00 pm	**Poster session**	
7:00 pm - 7:45 pm	Dinner	
Wednesday, May 27th		
9:00 am –10:30 am	U. Gerland	Spatially orchestrated reaction kinetics in biological systems
10:30 am –11:00 am	Coffee break	
11:00 am –12:30 pm	E. Frey	Pattern Formation Beyond Turing: Physical Principles of Mass-Conserving Reaction-Diffusion Systems
12:30 pm –2:00 pm	Lunch	
2:00 pm –5:30 pm	**Sailing or free time**	
5:30 pm –7:00 pm	**Short talk session**	
7:00 pm —7:45 pm	Dinner	
Thursday, May 28th		
9:00 am –10:30 am	R. Endres	The Turing paradox: simple theory, fragile patterns
10:30 am –11:00 am	Coffee break	
11:00 am –12:30 pm	N. Lobato-Dauzier	Programming Biomimetic Pattern Formation: Coupling Reaction–Diffusion and Active Matter Using DNA and Cytoskeletal Gels
12:30 pm –2:00 pm	Lunch	
2:00 pm –5:30 pm	**Sailing or free time**	
5:30 pm –7:00 pm	**Short talk session**	
7:00 pm —7:45 pm	Dinner	
Friday, May 29th		
9:00 am –10:30 am	M. Castellana, G. Ferraro	Introduction to finite-element methods for cell-membrane spatial patterns
10:30 am –11:00 am	Coffee break	
11:00 am –12:30 pm	E. Ilker	Self-organized branching morphogenesis in growing organisms
12:30 pm –2:00 pm	Lunch	