Bombannes summer school 2026 **09 to 16 June 2026** **VERSION: 01-Jun-2026**

arrival 09 June 2026 **departure 16 June 2026**

time	Wed, 10-Jun-26		time	Thu, 11-Jun-26	Fri, 12-Jun-26	Sat, 13-Jun-26	Sun, 14-Jun-26	Mon, 15-Jun-26
8:00 - 9:45	Distribution of bicycles		9:00 - 10:30	Scattering from surfactant phases 1 h, Julian Oberdisse	Neutron and x-ray reflectivity 1,5 h, Alessandra Luchini	Model Fitting & Simulation techniques 1h, Lise Arleth	Interacting systems: Statics and dynamics 1,5 h, Emanuela Zaccarelli	Microemulsions 1 h, Julian Oberdisse
9:45 - 10:15	COFFEE BREAK			Dynamic light scattering: Dilute suspensions 1 h, Luca Cipelletti		Light scattering in turbid suspensions 1 h, Frank Scheffold		Polymer processing 1 h, Anthony Ryan
10:15 - 11:00	General introduction/ Presentation of lecturers 45 min, Anthony Ryan		10:30 - 11:00		COFFEE BREAK		COFFEE BREAK	
11:00 - 12:30	Inverse scattering problem & Fourier transformation, Generalized Fourier transform 1h + 30 min, Otto Glatter		11:00 - 11:30	COFFEE BREAK	Scattering information from real space microscopy 1,5 h, Roberto Cerbino	COFFEE BREAK	Biological applications 1,5 h, Lise Arleth	COFFEE BREAK
			11:30 - 12:30	Introduction to polymers 1 h, Anthony Ryan		Industrial applications 1 h, Thomas Sottmann		Questions & suggestions
12:30 - 13:30	LUNCH		12:30 - 13:30	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
14:00 - 15:00	General theorems, differential scattering cross-section and initial data treatment 1 h, Oleksandr Mykhaylyk		14:00 - 16:00	SAILING	SAILING	EXCURSION	SAILING	SAILING
15:00 - 16:00	Concept of contrast & Contrast variation 1h, Thomas Sottmann							
16:00 - 16:30	Organizational Matters		16:30 - 17:00	COFFEE BREAK	COFFEE BREAK		COFFEE BREAK	COFFEE BREAK
16:30 - 17:00	COFFEE BREAK							
17:00 - 18:00	Instrumentation & Resolution effects 1h, Oleksandr Mykhaylyk		17:00 - 18:00	Polymer dynamics 1 h, Reiner Zorn	Dynamic light scattering: Concentrated suspensions 1 h, Frank Scheffold		Aggregation, sol-gel transition, glasses 1 h, Luca Cipelletti	FREE AFTERNOON and **RETURNING of BICYCLES**
18:00 - 19:00	Static light scattering 1h, Luca Cipeletti		18:00 - 19:00	Inelastic neutron scattering 1h, Reiner Zorn	TOF analysis of molecular dynamics 1 h, Marie Plazanet		Soft matter studies under non-equlibrium conditions 1 h, Walter Richtering	
19:00 - 19:30	Introduction to sailing 30 min, Otto Glatter							
19:30 - 20:30	DINNER		19:30 - 20:30	DINNER	DINNER	DINNER	DINNER	SUMMER SCHOOL DINNER
20:30 - 22:30	Participant contributions		20:30 - 22:30	Participant contributions	Participant contributions	Participant contributions	Participant contributions	
	6,25 h			**5 h**	**5 h**	**3 h**	**5 h**	**3 h**

TOTAL 27,25 h of lectures