



Bombannes 2024

16th European Summer School on "Scattering Methods Applied to Soft Condensed Matter"

"Les Bruyères", Carcans-Maubuisson, Gironde, France
04 - 11 June 2024

Bombannes summer school arrival
04 June 2024

departure 11 June 2024

time	Wed, 5-Jun-24	time	Thu, 06-Jun-24	Fri, 07-Jun-24	Sat, 08-Jun-24	Sun, 09-Jun-24	Mon, 10-Jun-24
8:00 - 9:45	Distribution of bicycles	9:00 - 10:00	Inverse scattering problem & Fourier transformation, Generalized Fourier transform 2 x 1h, Otto Glatter	Interacting systems: Statics and dynamics 1,5 h, Emanuela Zaccarelli	Scattering information from real space microscopy 1 h, Roberto Cerbino	TOF analysis of molecular dynamics 1 h, Marie Plazanet	Biological applications 1,5 h Lise Arleth
9:45 - 10:15	COFFEE BREAK	10:00 - 11:00					
10:15 - 11:00	Opening & General introduction/ Presentation of lecturers 45 min., Otto Glatter	11:00 - 11:30	COFFEE BREAK	Neutron and x-ray reflectivity 1,5 h Giovanna Fragneto	COFFEE BREAK	COFFEE BREAK	Polymer processing 1 h, Tony Ryan
11:00 - 12:30	General theorems, differential scattering cross-section and initial data treatment 1,5 h Oleksandr Mykhaylyk	11:30 - 12:30	Model Fitting & Simulation techniques 1h, Jan Skov Pedersen				
12:30 - 13:30	LUNCH	12:30 - 13:30	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
14:00 - 15:00	Instrumentation & Resolution effects 1h, Jan Skov Pedersen	14:00 - 16:00	SAILING	SAILING	SAILING	SAILING	EXCURSION
15:00 - 16:00	Concept of contrast & Contrast variation 1h, Thomas Sottmann						
16:00 - 16:30	Organizational Matters						
16:30 - 17:00	COFFEE BREAK	16:30 - 17:00	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	
17:00 - 18:00	Scattering from surfactant phases 1 h, Julian Oberdisse	17:00 - 18:00	Dynamic light scattering: Dilute suspensions 1 h, Luca Cipelletti	Dynamic light scattering: Concentrated suspensions 1 h, Frank Scheffold	FREE AFTERNOON	Aggregation, sol-gel transition, glasses 1 h, Luca Cipelletti	Returning of bicycles
18:00 - 19:00	Static light scattering 1h, Luca Cipelletti	18:00 - 19:00	Inelastic neutron scattering 1h, Reiner Zorn	Introduction to polymers 1 h, Tony Ryan		Soft matter studies under non-equilibrium 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	DINNER
20:30 - 22:30	Participant contributions	20:30 - 22:30	Participant contributions	Participant contributions	Participant contributions	Participant contributions	

5,5 h

5 h

5 h

3 h

5 h

2,5 h

TOTAL 26 h
of lectures