

Pre-registration is necessary because of the limited number of places in the school.

A short description of research activity and a CV should be sent by e-mail to softmatter2023@ill.fr

The organizing committee will examine your application and inform you by 2nd May.

Organizers

Leonardo Chiappisi

Emily Ryan

Email address : softmatter2023@ill.fr

Web site:

<https://workshops.ill.fr/event/346/>

Pre-registration deadline : 3 April 2023

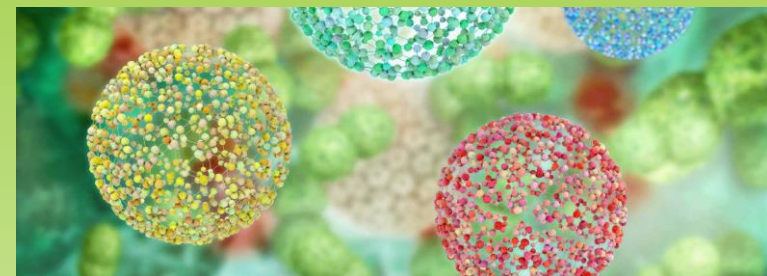
Notification of acceptance : 2 May 2023

Registration deadline : 31 May 2023

Registration fees (including VAT):

- 230€ including lecture material, lunches, social dinner and accommodation (2 nights)
- 160€ including lecture material, lunches and social dinner

ILL Soft Matter Summer School



Soft matter pervades into daily life under several forms: biological matter, foams, food products, ink, tires, and many others. In contrast to their very different appearance, all these systems are governed by the same, fundamental physical laws. Aim of the school is providing an overview of the forces governing the behavior of soft matter systems and introducing the most relevant techniques to probe such interactions. The school proposes frontal lectures for doctoral students working in the field of soft matter given by recognized experts from all over Europe. Poster sessions will be opened for discussion on research topic and experimental results between students and invited lecturers.

Tue – 4.7	
11:00 – 12:00	Registration <i>SB 2nd Floor</i>
12:00 – 13:30	Lunch <i>ESRF/ILL Canteen</i>
13:30-13:45	School Opening <i>SB-036</i>
14:00-15:30	Lecture 1: Introduction to colloid and interface Science <i>Emanuel Schneck</i> <i>SB-036</i>
15:30-16:00	Coffee Break <i>SB 2nd Floor</i>
16:00-17:30	Lecture 2: Physics of macromolecular systems <i>Julian Oberdisse</i> <i>SB-036</i>
18:00 - ---	Poster Session & Discussion with Wine and Cheese <i>SB 2nd Floor</i>

Wed – 5.7	
09:00 – 10:30	Lecture 3: Hierarchical structures in food. Soft matter structure at various length scales <i>Milena Corredig</i> <i>SB-036</i>
10:30-10:45	Coffee Break <i>SB 2nd Floor</i>
10:45-12:15	Lecture 3: Computer simulation of molecular systems - Principles and example applications <i>Maria Reif</i> <i>SB-036</i>
12:15 – 13:30	Lunch <i>ESRF/ILL Canteen</i>
13:30-15:00	Lecture 5: Nuclear Magnetic Resonance applied to Soft Matter systems <i>Allicia Vallet</i> <i>SB-036</i>
15:00-17:30	Free afternoon
17:30 – 18:30	Guided City tour <i>Grenoble, Maison du Tourisme</i>
19:00 - ---	Social Dinner <i>Grenoble, City centre</i>

Wed – 5.7	
09:00 – 10:30	Lecture 6: Liquid foams: from the formulation to the characterization techniques <i>Anne-Laure Fameau</i> <i>SB-036</i>
10:30-10:45	Coffee Break <i>SB 2nd Floor</i>
10:45-12:15	Lecture 7 Electron Microscopy in Biology <i>Guy Schoehn</i> <i>SB-036</i>
12:15 – 13:30	Lunch <i>ESRF/ILL Canteen</i>
13:30-15:00	Lecture 8: Introduction to neutron scattering applied to soft matter <i>Sylvain Prevost and Nicolo Paracini</i> <i>SB-036</i>
15:00-15:15	School Closing
15:30 – 17:00	ILL Guided Tours

Detailed lecture content can be found on the school website.