

## Final Programme of the **2022** Bombannes-school

Each lecture lasts between 45 and 90 min

<b>Speaker</b>	<b>Title</b>
Stefan Egelhaaf U Duesseldorf	General introduction (soft matter systems, scattering experiments)
Oleksandr Mykhaylyk U Sheffield	Introduction to Scattering & General Theorems
Oleksandr Mykhaylyk U Sheffield	Absolute Intensity & Initial Data Treatment
Jan Skov Pedersen U Aarhus	Instrumentation & Resolution Effects
Jan Skov Pedersen U Aarhus	Model Fitting and Simulation Techniques
Stefan Egelhaaf U Duesseldorf	The Concept of Contrast & Contrast Variation
Luca Cipelletti U Montpellier	Static Light Scattering
Luca Cipelletti U Montpellier	Aggregation, Sol-Gel Transition, Glasses
Otto Glatter U Graz	Inverse Scattering Problem & Fourier Transformation
Otto Glatter U Graz	Generalized Fourier Transform
Julian Oberdisse U Montpellier	Introduction to scattering from surfactants and colloids
Julian Oberdisse U Montpellier	Microemulsions and liquid crystals
Stefan Egelhaaf U Duesseldorf	Dynamic Light Scattering: Dilute Suspensions
Frank Scheffold U Fribourg	Dynamic Light Scattering: Concentrated Suspensions
Frank Scheffold U Fribourg	Light Scattering in Turbid Suspensions
Emanuela Zaccarelli U Rome	Interacting Systems: Statics and Dynamics
Emanuela Zaccarelli U Rome	Interacting Systems: Applications
Reiner Zorn FZ Jülich	Inelastic Neutron Scattering
Reiner Zorn FZ Jülich	Polymer Dynamics
Jan Skov Pedersen U Aarhus	Biological Applications: SANS and SAXS
Anthony Ryan U Sheffield	Introduction to polymers

Anthony Ryan U Sheffield	Polymer Processing & Synchrotron Radiation
Giovanna Fragneto ILL Grenoble	Neutron & X-ray Reflectivity
Roberto Cerbino U Vienna	From Real to Inverse Space
Roberto Cerbino U Vienna	Scattering information from real space microscopy
Walter Richtering RWTH Aachen	Scattering Experiments under External Constraints
Thomas Sottmann U Stuttgart	Scattering Methods & Industrial Applications
Giovanna Fragneto ILL Grenoble	Applications of neutron reflectometry to biological systems
Thomas Zemb ICSM Marcoule	Scattering by Weak Aggregates
Marie Plazanet UGA Grenoble	Time-Up-Flight analysis of molecular dynamics
Monday 27 June afternoon	Wine excursion
Monday 27 June evening	Summer school dinner