

Preliminary Programme of the 2022 Bombannes-school

Each lecture lasts between 45 and 90 min

Speaker	Title
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 I
Frank Scheffold U Fribourg	Dynamic Light Scattering II
Frank Scheffold U Fribourg	Light Scattering in Turbid Suspensions
Emanuela Zaccarelli U Rome	Interacting Systems I
Emanuela Zaccarelli U Rome	Interacting Systems 2
Reiner Zorn FZ Jülich	Inelastic Neutron Scattering
Reiner Zorn FZ Jülich	Polymer Dynamics
Lise Arleth U Copenhagen	Biological Applications
Anthony Ryan U Sheffield	Introduction to polymers

Anthony Ryan U Sheffield	Polymer Processing & Synchrotron Radiation
Giovanna Fragneto ILL Grenoble	Neutron & X-ray Reflectivity, GISAS
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
Ilya Voets U Eindhoven	A scattering view on macromolecular and supramolecular assembly
Giovanna Fragneto ILL Grenoble	Applications of neutron reflectometry to soft matter and biological systems
Helmut Schober ESS Lund	title to be announced
Monday 27 June afternoon	Wine excursion
Monday 27 June evening	Summer school dinner