

3 Days Workshop on Understanding Soft Matter Through Modelling and Experiments

3 ECTS Course*

*Registration ongoing

November 29th – 1st December 2023

at K5 Auditorium, Gløshaugen, NTNU

This workshop offers participants a comprehensive understanding of soft matter through theory, experimentation, and modeling. Attendees will have the opportunity to explore engaging case studies, offering valuable insights into applications of complex soft matter systems ranging from biomedicine to environmental resource management.

Travel and accommodation of up to 5000NOK will be reimbursed for TNNN members from outside Trondheim. Not yet a member? You can register for membership at <https://www.ntnu.edu/tnnn/membership>.

Course Outline:

- Introduction/ Fundamentals of Soft Matter
- Modelling with Experiments in Soft Matter
- Polymer Synthesis & Characterization
- Proteins and Biomimetic Systems
- Applications of Soft Matter in Biomedicine
- Particles & Colloid Assembly
- Surfaces & Interfaces
- Proteins & Biomimetic Systems

Speakers:

Prof. Jan Genzer

Department of Chemical and
Biomolecular Engineering North
Carolina State University, USA



Prof. Ethayaraja Mani

Department of Chemical
Engineering
Indian Institute of Technology,
Madras, India



Contact Person:

Workshop Co-ordinator

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Registration Deadline:
15th November 2023

Sign up at:

