

Bio-SAXS practical course 2022

Dates: September 13 – 14, 2022

Venue: Institute of Biotechnology of the Czech Academy of Sciences, Research centre Biocev, Prumyslova 595, 25250 Vestec near Prague, Czech Republic

Aim: Small angle X-ray scattering is a powerful method for in solution characterization of macromolecular structures. The course will provide practical experience with the data collection and processing. The data processing will focus on usage of ATSAS software package. Participants are encouraged to bring their own laptops.

Application: Please, apply at the following link:

<https://forms.biocev.org/index.php/669798?lang=en>

The number of participants is limited.

Application deadline: August 31, 2022

Cost: Attendance is free of charge

Preliminary programme:

September 13, 12:15 – 17:00

Introduction to SAXS

Practical demonstration at the instrument + tour of Centre of Molecular Structure

Basic data processing

September 14, 9:00 – 16:00

Ab initio modelling

Atomic model evaluation

Rigid body modelling

