

SANS of biological systems

Monday, 7 February 2022 13:30 (1h 30m)

- Contrast variation: isotopic and perdeuteration
- Sample preparation
- Examples of biological complexes ~ Dilute protein solutions; globular and IDP in lipid mimics ~ Protein complexes ~ Protein/nucleotides complexes ~ Lipid nanoparticles
- Analysis of biological SANS ~ Theory of real-space analysis ~ Shape reconstruction ~ Atomistic and coarse-grained modelling ~ Integrative approaches to solution structure analysis

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Session Classification: Webinars