

Biophysics Workshop - September 2024

VIB Switch Laboratory Leuven, Belgium

Theoretical sessions take place in ALMA Tower room 05.0100

Practical sessions take place in Switch Lab Biophysics Lab

Monday 9th September

- 9.00 - 9.30 Ice breaker
- 9.30 - 10.10 Introduction to Biophysics
Valentina Zorzini (CBD Biophysics Expert)
coffee break
- 10.30 - 13.00 Conformational analysis - theory & practical (FTIR)
Rodrigo Gallardo (Switch Lab)
lunch break
- 14.00 - 17.00 Conformational analysis - theory & practical (SUPR-DSF)
Markus Epe from Protein Stable/ Applied Photophysics

Tuesday 10th September

- 9.00 - 10.00 Protein-Protein interaction - Biolayer Interferometry (theory)
Carolina Velasquez Pereira from Sartorius
coffee break
- 10.30 - 13.00 Protein-Protein interaction - Biolayer Interferometry (instrument Octet)
Carolina Velasquez Pereira from Sartorius
lunch break
- 14.00 - 17.00 Particle sizing, stability and aggregation - SEC MALS & DLS (theory & practical)
Jeroen Vranken from Waters

19.00/19.30 Dinner with Switch Lab members

Wednesday 11th September

- 9.00 - 10.00 Protein characterization – Intrinsic fluorescence and static light scattering (theory)
Valentina Zorzini
coffee break
- 10.30 - 12.00 Protein characterization- Intrinsic fluorescence and static light scattering (instrument Uncle)
Valentina Zorzini
- 12.00 lunch
- 12.30 depart for ProAgg24