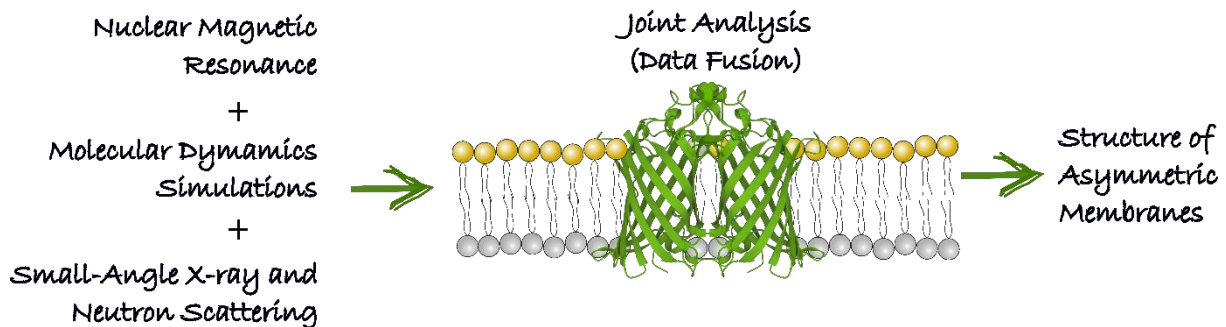


November, 2024

PhD Position in Membrane Biophysics

We are seeking a highly committed PhD candidate to join our team in the framework of the joint Austrian-German-Czech research project “*How lipid asymmetry influences membrane protein function*”.



The primary focus of the PhD project is the joint data analysis (NMR, MD, SAXS/SANS,...) of asymmetric membranes. The work will be performed in close collaboration with the groups of Daniel Huster (University of Leipzig, Germany) and Robert Vachá (Central European Institute of Technology, Czech Republic) including extended visits for training.

Your Profile:

- Master's degree in *biophysics, physics, or chemistry* with a strong background in theory, or mathematics
- Experience in data analysis and design of optimization algorithms (*ideally* Bayesian theory & python coding)
- Willingness to perform experiments (SAXS, SANS, NSE)
- Distinct skills in:
 - analytical thinking and quantitative data analysis
 - organization of complex experiments
 - communication (oral and written)
 - teamwork and working/learning in a highly interdisciplinary research area
- Scientific commitment and creativity
- Willingness to travel for experiments to synchrotron and neutron sources.

We offer:

- Employment in a top-notch scientific environment at the interface of physics, chemistry and biology
- Gross salary: ~39.000.- EUR/year
- Expected starting date: January – March 2025
- Duration: 3 years (possibly extended)

Your application includes: a letter of intent, CV, certificates, and contact information of previous supervisors. The deadline for applications is December 8, 2024 (send PDFs to georg.pabst@uni-graz.at).

For additional information, see <https://homepage.uni-graz.at/de/georgpabst/> or inquire by email.