



Münchner Physik- Kolloquium

Winter
2018/19

Biomolecular structures and dynamics: combining experimental data with computer simulations

Prof. Dr. Jochen Hub, *Universität des Saarlandes, Saarbrücken*

Monday, 26 November 2018, 17:15 h

Hörsaal H 030, Fakultät für Physik der LMU, Schellingstraße 4, München

Understanding the function and malfunction of proteins requires knowledge about their molecular structure and dynamics. Unfortunately, the information content of data recorded by many biophysical experiments is by far insufficient to derive atomic details of biomolecular function. In this talk, with a focus on X-ray solution scattering, I will illustrate how experimental data may be integrated into computer simulations of biomolecules to derive a reliable and spatially detailed interpretation of such low-information experimental data.

Student event: Meet the speaker

We invite you to a **student-only** discussion-round with Prof. Dr. Jochen Hub before his Munich Physics Colloquium talk.

Be curious and feel free to ask any question.

Monday, 26 November 2018, 16:00 h

Room H 522 (5th floor), Fakultät für Physik der LMU, Schellingstraße 4, München

