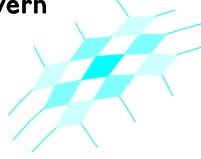


Elitenetzwerk
Bayern



Forces in **SFB**₈₃
Biomolecular Systems

Trapping Molecular Machines on the Move Using Single Particle Cryo EM

by

Dr. Petra Wendler

Genzentrum, Ludwig Maximilian Universität, München

Abstract:

Single particle cryo electron microscopy (EM) is an essential technique for visualization of large, dynamic, macromolecular complexes in their native state. Our main interest is to visualize different physiological states of AAA+ (ATPases associated with various cellular activities) motor assemblies using cryo EM in order to correlate functional states with structural data. This talk will cover a solid introduction to cryo EM and present single particle EM results on different AAA+ complexes.

Friday, December 14th, 2012, 13:00

Room PH 127