

Seminar „Spectroscopy and protein interactions“

apl. Prof. Nadja Hellmann, Institut für Pharmazie und Biochemie

with: Jun.Prof. Ute Hellmich (Institut für Pharmazie und Biochemie), Jun. Prof. Helen May-Simera (Institut für Molekulare Physiologie), Dr. Ute Distler (Institut für Immunologie)

target audience:

Students working on their thesis (PhD, Diploma, Master) and are

- using spectroscopic methods for functional or structural studies of proteins
 - and/or investigating the interaction of proteins with other molecules or surfaces, *in vivo* or *in vitro*
- Also those, which are just interested in these topics, are welcome.

Depending on the interest of the participants, different methods suitable for the tasks mentioned above will be presented (partially by the participants) and discussed. Both experimental (spectroscopy, surface methods, hydrodynamic methods, mass spectrometry, protein characterization etc) and theoretical (data analysis, models to describe protein function) aspects will be addressed.

Time schedule:

2 SWS, during the winter semester 2018/19, starting 3rd week of October.

The first meeting will be in the week of 24.9.2018, the exact date will be arranged via Doodle. Details about topics and time schedules will be discussed then.

If you are interested, please let me know via Email until 17.9.2018 (nhellmann@uni-mainz.de).