Course: Advanced Seminar on Statistical Biology

Lecturers: T. Bollenbach, J. Berg, J. Krug, M. Lässig, B. Maier
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Requirements for participation:
Experimental and theoretical physics at the level of the bachelor courses in physics

Type of module examinations:
Presentation in form of a seminar talk and answering of questions from the audience.

Duration of the course:
1 semester

Aims of the course:
At the beginning of each semester a thematic focus within the general area of statistical physics of biological systems is defined, and a list of specific topics is presented to the students in the seminar. The topics are usually based on one or more recent publications. Students pick a topic, read selected papers, discuss the content with a tutor, prepare and present a seminar talk in front of an audience, and answer questions of the audience related to the presentation.

Contents of the course:
- Depending on the thematic focus and the topic of the presentation

Recommended literature:
Selected reading of publications based on the topic of choice