

Self-organized and biomimetic systems

Programmability and self-organization are key tools in new approaches to studying and manipulating with biological systems at the nanoscale. DNA self-assembly-based nanotechnology, protein and peptide based self-assembly technology have the possibilities to radically influence our understanding of biophysics, cell- and molecular- biology through the creation of tools that allow manipulations on the molecular scale.

Invited speakers

Ana Teixeira, Karolinska Institutet
Kerstin Göpfrich, Heidelberg U

3-4 short talks selected from abstracts

Session chairs

Björn Högberg, Karolinska Institutet
Hendrik Dietz, Technical University of Munich