

Computational Biophysics

The importance of computational biophysics in life sciences has been continuously increasing for a long time, which can be seen, for example, in the increasing share of high-profile articles containing computational science. In the computational biophysics session, we will highlight research representing the cutting edge of the field, where the elucidation of phenomena occurring at different scales and cooperation with experimental and theoretical research will be emphasized. The development of new methods emerges as a key feature that enables the study of new phenomena, thus further strengthening the role of computational science.

Invited speakers

Helmut Grubmüller, Max Planck Institute for Multidisciplinary Sciences
Julia Yeomans, University of Oxford

3-4 short talks selected from abstracts

Session chairs

Ilpo Vattulainen, University of Helsinki
Himanshu Khandelia, University of Southern Denmark