



APS Satellite Symposium & Workshop

Applied Problems of Theoretical and Computational Biophysics

The event is organized under the umbrella of the American Physical Society (APS) as a Satellite Symposium of the APS Global Physics Summit at the Bogolyubov Institute for Theoretical Physics of the NAS of Ukraine. It aims to unite researchers in theoretical, computational, and experimental biophysics, fostering collaboration and international partnerships. The main focus will be on contemporary challenges in modern biophysics and the application of theoretical and computational methods to biological systems.

Topics

- DNA biophysics
- Biospectroscopy
- Bionanomaterials
- Bionanotechnologies
- Molecular motors
- Models in biophysics
- Computational biophysics

Confirmed speakers

Aleksei AKSIMENTIEV (UIUC, USA)
Andrii BAUMKETNER (YICMP, Lviv)
Galyna DOVBESHKO (IPh, Kyiv)
Viktor KARACHEVTSEV (ILTPE, Kharkiv)
Evgen KRYACHKO (BITP, Kyiv)
Francesca MOCCI (UNICA, Italy)
Larissa BRIZHIK (BITP, Kyiv)
Taras PATSAHAN (YICMP, Lviv)
Sergiy PEREPELYTSYA (BITP, Kyiv)
Anna SHESTOPALOVA (IRE, Kharkiv)

APS Satellite Symposium
March 17, 2026



Workshop
March 18–19, 2026



Hybrid format
in-person & online



Bogolyubov Institute
for Theoretical Physics
of NAS of Ukraine



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American Physical Society

Information support

Ukrainian Biophysical Society
Kyiv Academic University



Organizing Committee

Sergiy Perepelytsya
Evgen Kryachko
Tetiana Bubon
Bogdana Reshotka

