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BioSim Talk #10

Eiji Yamamoto, PhD.

Associate Professor, (PI)
Department of System Design Engineering,
Keio University, Tokyo

December 20th 2024 (Fri)
4.00 – 5.30 pm
Institute for Protein Research
Osaka U. (Suita Campus)
2nd Floor Large Conference Room

What can multiscale simulations reveal about biomolecular dynamics?

Recently, molecular dynamics (MD) simulations have been recognized as a powerful tool for analyzing the dynamics and interactions of biomolecules at the molecular level. They also provide molecular insights that complement experimental results, enabling a multiscale understanding of biomolecular behavior. However, a gap in spatial and temporal resolutions between simulations and experiments remains. In this seminar, I will discuss multiscale MD simulations through several examples, such as biological membranes and protein condensates, spanning from the atomistic level to the mesoscale.

Link for online participation via Zoom:
Meeting ID: 899 3365 4580
Passcode: 747341
Please inform us if you will be participating online or joining our slack
sandhyatiwari@protein.osaka-u.ac.jp, shinobu.ai.prime@osaka-u.ac.jp