

Speaker Bio

Kazuhiro Takemura is an Assistant Professor in the Ph.D. Program in Biomedical Artificial Intelligence at National Tsing Hua University, Taiwan. He received his Ph.D. from Tokyo Institute of Technology, Japan. His research focuses on molecular simulations and computational biophysics, particularly molecular dynamics simulations for studying protein structure and dynamics. He has developed various simulation methods for protein complex structure prediction and conformational sampling, including approaches that integrate machine learning techniques with molecular simulations.