

## ***Visualization of Molecular Data - Current Methods and Future Challenges***

*June 7, 3:30PM – 4:30PM*

In the modern information age, data are acquired at an increasing rate which is often faster than our ability to analyze it thoroughly with conventional methods. The biochemistry is not an exception and we see more and more often the need for visualization in order to explore, analyze, and present information.

This talk will focus on the traditional approaches to the visualization of biomolecules as well as novel specialized methods following the latest trends and advancements in the field of molecular graphics, discussing both 3D and 2D techniques for visualization of various molecular data including molecular dynamic simulations, protein-protein interactions, and techniques for depicting protein voids and their dynamics.