

UniSysCat Junior Research Leader Symposium: Theoretical Structural Biology

Start Time: Tuesday, December 8, 2020 10:00 am

End Time: Tuesday, December 8, 2020 03:00 pm

The UniSysCat Junior Research Leader Symposium to fill the position of a Junior Group Leader in Theoretical Structural Biology will take place on December 8, 2020, 10 am to 3 pm. The symposium will take place online.

Please email info@unisyscat.de to receive a link to this online event.

Program and speakers:

10:00 - 10:45: Ariane Nunes Alves, HITS gGmbH: Molecular dynamics simulations and machine learning to predict kinetic rates for protein-ligand binding

10:45 - 11:30: Horst Lechner, University of Graz: Different flavors of protein re- design

11:30 - 12:15: Christian Wiebeler, Leibzig University: Light-Induced Processes in Biological Systems: Simulation of Vibrational Energy Transfer

12:45 - 13:30: Ahmad Reza Mehdipour, MPI Frankfurt/a.M.: Computational modelling of membrane proteins in health and diseases

13:30 - 14:15: Jovan Dragelj, TU Berlin: Electrostatic Concepts in Biocatalysis and Heme-Containing Enzymes Explored by Simulation and Computation

14:15 - 15:00: Rikhia Ghosh, MPI Potsdam: Understanding origin of shape transformation of membranes: Perspectives from computer simulation