

Workshop on "Computational Modelling Techniques in Structural Biology" (2-3 August 2017)

Organized by: Molecular Biophysics Unit, IISc and Indian Academy of Science- Bangalore

Venue: Centre for Ecological Sciences lecture hall (Lecture sessions)
The Lotka Volterra Mathematical Ecology Lab (Hands On session)

August 2, 2017 (Wednesday)		
Time	Lecturer	Topic
8:00 - 8:15	Introductory comments	
8:15 - 10:45	M. S. Madhusudhan	Lecture: Comparative structure modeling
10:45 - 11:00	Coffee break	
11:00 - 11:45	A. Srivastava	Lecture: Elastic Network Model (ENM) for proteins
11:45 - 12:45	N. Srinivasan	Lecture: EM fitting using evolutionary data
12:45 - 1:45	Lunch	
1:45 - 4:15	M. S. Madhusudhan	Modeller Hands On
4:15 - 4:30	Coffee break	
4:30 - 5:30	A. Srivastava	ENM Hands On

August 3, 2017 (Thursday)		
Time	Lecturer	Topic
8:15 - 9:00	A. Srivastava	Lecture: Systematic Coarse Graining
9:00 - 10:15	Andrej Šali	Lecture: Integrative/ Hybrid modeling
10:15 - 10:30	Coffee break	
10:30 - 12:45	Andrej Šali / Benjamin Webb	Hands On: Integrative Modeling Platform (IMP)
12:45 - 1:45	Lunch	
1:45 - 3:45	N. Srinivasan	Hands On: EM fitting
3:45 - 4:00	Coffee Break	
4:00 - 5:00	A. Srivastava	Hands On: Systematic CG techniques