



## Workshop on Computational Modelling Techniques in Structural Biology



02–03 August 2017  
Molecular Biophysics Unit,  
Indian Institute of Science, Bengaluru

Organized by MBU, Indian Institute of Science, Bengaluru

Sponsored by Indian Academy of Sciences, Bengaluru

Deciphering the detailed structure of biological molecules, and their structure–function relationship is today a major focus of research across the world. The advent of *in-silico* techniques has paved the way for rapid and accurate analysis of biological structures. The workshop aims to introduce various aspects of computational modelling techniques (including homology, integrative/hybrid modelling and coarse graining) in structural biology and provide hands on sessions with computational tools such as MODELLER and IMP. Participants will also be trained in simulations (coarse grained) and fitting structures to Electron Microscopy maps.

This workshop is an excellent opportunity for young researchers of various educational/research institutions in the country to interact and learn crucial computational modelling techniques and applications from some of the experts in the field. The speakers include: Andrej Sali (UCSF, USA – who created MODELLER), N. Srinivasan and Anand Srivastava (IISc, Bengaluru), and M. S. Madhusudhan (IISER, Pune).

Applications are invited from Ph D students working in the area of Bioinformatics/Structural Biology to participate in the workshop. Outstation participants will be reimbursed the round trip train (2 tier AC) fare by the shortest route and boarding and lodging will be provided by the Indian Academy of Sciences.

For more details, visit the workshop website:

<http://mbu.iisc.ac.in/cmts2017.htm/index.html> or mail us at:  
mbuevents.iisc@gmail.com



**Registration** must be done ONLINE using the link provided at the workshop website or by scanning the QR code.

Last date for registration is **15 June 2017**.

Selected candidates will be informed through email by **30 June 2017**.

