A **Workshop on Computational Tools in Macromolecular Modeling** will be held on *October 14, 2015 in the Britannia Bldg, Tel Aviv University.*

Participation is free, but you must register at http://bioinfo3d.cs.tau.ac.il/october14 .

The hands-on afternoon session is limited to 50 participants. The workshop program appears below. For more detailed information, including abstracts of the talks, go to the website above.

Program :

Lecture Session (Hall 5):

9:00-9:10 Opening Remarks

9:10 – 10:00 Sarel Fleishman (Weizmann Inst.) : Computational design of antibodies and enzymes guided by natural sequences and conformations.

10:00 – 10:50 Joel Sussman (Weizmann Inst.) : *Proteopedia* - a Scientific 'Wiki' Bridging the Rift Between 3D Structure and Function of Biomacromolecules.

10:50 – 11:10 Coffee Break (Lobby)

11:10 – 12:00 ***Distinguished Safra Speaker*** : Shoshana Wodak (VIB and Toronto U.) : Modeling Protein-protein interactions: then and now.

12:00 – 12:50 Haim Wolfson (Tel Aviv U.): Algorithms for the Integrative Modelling of Large Macromolecular Complexes.

12:50 – 13:40 Lunch (Lobby)

Hand-on Tutorials (Computer Lab, limited to 50 participants)

13:40 – 15:30 Nir Kalishman (Hebrew U.) : Analysis of cross-linked and mass-spectrometry (XL-MS) data.

15:30 – 15:45 Coffee Break (Lobby)

15:45 – 16:30 Dan Cohen (Tel Aviv U.) : Analysis and Interpretation of cryo-EM maps using the UCSF Chimera software package.

16:30 – 17:15 Daniel Zaidman (Tel Aviv U.) : Modeling of Large Multimolecular Complexes using MultiFit.

Contacts: Prof. Haim Wolfson wolfson@tau.ac.il or danielza@post.tau.ac.il
---