

Tel Aviv University School of Computer Science



# Workshop on Analysis of Biological Networks

## Course Description

Network biology is an emerging discipline that studies complex cellular processes by modeling them as networks of interactions between molecules. The analysis of biological networks presents exciting graph-theoretic and statistical problems with important applications in biology. In this workshop you will experience working in this domain, analyzing real network data to study network structure, organization and evolution.

The workshop requires no prior knowledge in biology. All background will be provided in the two introductory lectures.

The workshop is open to all 3<sup>rd</sup> year students in computer science.

For background on this topic please refer to <http://www.cs.tau.ac.il/~roded/courses/bnet11.html>