**Science of Information**

Science and Technology Center Applications to Biology Workshop **University of California San Diego,** **February 11, 2011**

**Zweifach Library, Powell-Focht Bioengineering Building, UCSD**

Agenda

**1-1.15 -  Welcome and Introduction to challenges in biology for STC   (Shankar Subramaniam)**

**1.20-1.40 – TBA (Olgica Milenkovic)**

**1.40-2.00 - Network Reconstruction using Static and Temporal Data (Mano Maurya)**

**2.00-2.20 – Networks and Temporal Data data (Shakti Gupta)**

**2.20-2.40 – Coffee Break**

**2.40-3.00 – Understanding How Information is Conveyed in Dynamic Interacting Networks of Neural Activity (Todd Coleman)**

**3.00 – 3.20 - Modularity Detection in Protein-Protein Interaction Networks (Tejaswini Narayanan)**

**3.20-3.40 – A Comprehensive Comparison of Statistical and Optimization-based Methods for Data-driven Network Reconstruction of Biological Systems (Behrang Asadi)**

**3.40-4.00 – TBA (Bin Yu)**

**4.00-5.00 – Discussions**