International Workshop on Biomolecular Interaction Network Analysis and Interactomics (IWBNA), 2015

November 9, 2015 (Monday)

Session 1  (1:30pm – 3:30pm)

1:30pm – 2:00pm
MODULA: A Network Module Based Local Protein Interaction Network Alignment Method.
Pietro Hiram Guzzi, Pierangelo Veltri, Swarup Roy, and Jugal K Kalita.

2:00pm – 2:30pm
Diffusion Kernel to Identify Missing PPIs in Protein Network Biomarker.
Dominic Bett and Ananda Mondal.

2:30pm – 3:00pm
Testing whether hot regions in protein–protein interactions are conserved in different species.
Jing Hu and Xiaolong Zhang.

3:00pm – 3:30pm
Mining Maximal Subnetworks from Interaction Network with Node Attributes.
Aditya Goparaju, Bassam Qormosh, and Saeed Salem.

Coffee Break  (3:30pm – 4:00pm)

Session 2  (4:00pm – 5:00pm)

4:00pm – 4:30pm
SRP: A Concise Non-parametric Similarity-Rank-based Model for Predicting Drug-Target Interactions.
Jian-Yu Shi and Siu-Ming Yiu.

4:30pm – 5:00pm
Semantic mapping to align PPI networks and predict conserved protein complexes.
Lizhu Ma and Young-Rae Cho.