INTERNATIONAL WORKSHOP
"ADVANCES IN DISCRETE NETWORKS"
DEPARTMENT OF MATHEMATICS, UNIVERSITY OF PITTSBURGH

POSTER SESSION DECEMBER 12, 2014
Room 705

1. Tom Bertalan, Princeton University
   Modeling heterogeneous neural populations
2. David Burstein, University of Pittsburgh
   Graphs with prescribed moments: construction and impact on dynamics
3. Daniel Citron, Cornell University
   Text Overlap Patterns in a Scientific Corpus: Measuring and Interpreting Plagiarism on Arxiv
4. Kameron Decker Harris, University of Washington
   Spatially smooth network fitting to tracing data
5. Dean Freestone, Columbia University / University of Melbourne
   Estimation of Functional Connectivity via Data-Driven Neural Modeling
6. Jorge G. T. Zañudo, Penn State University
   Identifying and controlling the dynamical repertoire of intracellular networks
7. Alexander Holliday, Princeton University
   Coarse graining of a dynamically evolving network
8. Winifred Just, Ohio University
   Lengths of attractors and transients in neural networks with random connections
9. Jae Kyoung Kim, Ohio State University
   Identification of biochemical network architecture with rhythmic time series data
10. Shahir Mowlaei, Virginia Tech University
    Graph cycle decomposition of reliability polynomials
11. Gabriel Ocker, University of Pittsburgh
    Self-organization of microcircuit structure in networks of spiking neurons with plastic synapses
12. Deena Schmidt, Case Western Reserve University
    Measuring edge importance for random processes on graphs
13. Saray Shai, University of North Carolina, Chapel Hill
    Multiplex cities: the interplay between coupled transportation networks
14. Orr Spiegel, University of California, Davis
    Proximity-based social networks in wild animal - can we tease apart the effects of shared resources and social preference using path randomization?
15. Dane Taylor, University of North Carolina
    Optimal synchronization of complex networks
16. Scott Watson, George Mason University
    Symmetry Breaking in a Network of Networks
17. Ying Xin, Ohio University
    Exploring disease transmission on networks with Netlogo