The Fifth Michigan Student Symposium for Interdisciplinary Statistical Sciences

April 8, 2011

Morning Session

8:30 – 9:00  Registration and Breakfast
9:00 – 9:05  Welcoming Remarks
9:05 – 9:25  Yasin Senbabaoglu, Bioinformatics
             "A reassessment of consensus clustering for class discovery and cluster stability"
9:30 – 9:50  Kumar Sricharan, Electrical Engineering and Computer Science
             "Multi-Sensor Image Fusion using Local Dimension"
9:55 – 10:55 Poster Session I
10:55 – 11:15 Joseph Sakshaug, Survey Methodology
             "Synthetic Data for Small Geographic Areas"
11:20 – 11:40 Sahar Zangeneh, Statistics
             "Two-stage Semiparametric Bayesian Model-based Inference for the Finite Population Total
             in Probability Proportional to Size Samples"
11:45 – 1:00 Lunch and Poster Session II

Afternoon Session

1:00 – 1:20  Samopriyo Maitra, Biostatistics
             "Analysis of Periodontal Data using Circular Statistics"
1:25 – 1:45  Gowtham Bellala, Electrical Engineering and Computer Science
             "Active Diagnosis via AUC Maximization: An Efficient Approach for Multiple Fault
             Identification in Large Scale, Noisy Networks"
1:50 – 2:10  Kohinoor Dasgupta, Statistics
             "Assessing Functional Connectivity in Neuronal Networks from Spike-Train Data: A New
             Class of Models and Likelihood-Based Inference"
2:15 – 3:15  Poster Session III
3:15 – 3:40  Highlight Student Talk: Atul Mallik, Statistics
             "Threshold Estimation using p-values"
3:45 – 4:45  Keynote Address: Professor Terry Speed, University of California at Berkeley, Walter & Eliza Hall Institute of Medical Research (Melbourne)
             "Models for Statisticians"

All of the events will take place on the fourth floor of the Rackham Building: oral presentations at Rackham Amphitheatre; breakfast, lunch at Rackham Assembly Hall; Poster Sessions at East/West Conference Rooms* and Rackham Assembly Hall. For more information, please visit http://sitemaker.umich.edu/mssiss/home.

*No food is allowed in the East/West Conference Rooms.

Sponsors: Departments of Biostatistics, Statistics, and Electrical Engineering and Computer Science, and Program in Survey Methodology.