MSSISS 2014

Michigan Student Symposium for Interdisciplinary Statistical Sciences

March 21, 2014
8:30am – 5:00pm
Rackham Building, 4th floor

Morning Session

8:30 – 8:55   Registration and Breakfast

8:55 – 9:00   Welcoming Remarks

9:00 – 10:15   Huitian Lei, Statistics
"A statistical decision procedure for personalizing treatment"

Xu Shu, Biostatistics
"Semiparametric methods to contrast restricted mean gap times"

Sandipan Roy, Statistics
"Estimating a change-point in high-dimensional Ising model"

10:15 – 11:15   Poster Session I

11:15 – 12:30   Yang Liu, Electrical Engineering and Computer Science
"Anatomy of network-level malicious activities: Connectedness and inter-dependence"

Zhuqing Liu, Biostatistics
"Pre-surgical fMRI data analysis using a spatially adaptive conditionally autoregressive model"

Pramita Bagchi, Statistics
"Inference for monotone trend under dependence"

Afternoon Session

12:30 – 1:45   Poster Session II and Lunch

1:45 – 3:00   James Henderson, Statistics
"Network reconstruction using nonparametric additive ODE models"

Raphael Nishimura, Survey Methodology
"Item nonresponse in auxiliary variables used in calibration for survey sample data"

Laura Fernandes, Biostatistics
"Adaptive phase I clinical trial design using Markov models for conditional probability of toxicity in oncology"

3:00 – 4:00   Poster Session III and Coffee Break

4:00 – 4:55   Keynote Address: Professor Jeff Wu, Georgia Institute of Technology
"From real world problems to esoteric research: Some examples"

4:55 – 5:00   Closing Remarks and Student Awards

All of the events will take place on the fourth floor of the Rackham Building: oral presentations at the Rackham Amphitheatre*; breakfast, lunch, and coffee break at the Rackham Assembly Hall; poster sessions at East/West Conference Rooms* and Rackham Assembly Hall.

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

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