Official Schedule: Thursday, February 25th

Recurrent Zoom Meeting ID: 979 7179 8346 / Poster Session on Gather town

1:00 – 1:05pm  Welcoming Remarks (Zoom) (Moderator: Yijun Li)
1:05 – 2:00pm  Speed Oral Presentations (Zoom) (Moderator: Ziping Xu)
   Emily Roberts, Department of Biostatistics (1:05 - 1:10pm)
      Validating Surrogate Endpoints with Longitudinal Outcomes
   Charlotte Z Mann, Department of Statistics (1:10 - 1:15pm)
      Derivation and external validation of a simple risk score to predict in-hospital mortality in patients hospitalized for COVID-19
   Debarghya Mukherjee, Department of Statistics (1:15 - 1:20pm)
      On the efficient estimation of Regression Discontinuity Design in presence of confounding factors
   Sijia Geng, Department of EECS (1:25 - 1:30pm)
      A Data-Driven Approach for Self-Tuning of Power System Stabilizer Using Graph Neural Network
   Yijun Li, Department of Biostatistics (1:30 - 1:35pm)
      Evaluating Data Integration Tools on Clustering Spatial Transcriptomics Data
   Fatema Shafie Khorassani, Department of Biostatistics (1:35 - 1:40pm)
      Incorporating Patient Subgroups in Surrogate Paradox Measures
   Advaidh Venkat, Department of IOE (1:40 - 1:45pm)
      Evaluating Patient Triage Strategies for Non-Emergency Outpatient Procedures Under Reduced Capacity Due to the COVID-19 Pandemic
   Alexander Ritchie, Department of EECS (1:45 - 1:50pm)
      Consistent Estimation of Identifiable Nonparametric Mixture Models from Grouped Observations

2:00 – 3:00pm  Poster Session I + Speed Presentation Poster Session (Gather town)
3:00 – 4:50pm  Oral Presentations I (Zoom) (Moderator: Zeyu Sun)
   Yiwang Zhou, Department of Biostatistics (3:00 - 3:20pm)
      Synergistic Self-Learning Approach to Establishing Personal Nutrition Intervention Schemes from Multiple Benefit Outcomes in a Calcium Supplementation Trial
   Xubo Yue, Department of IOE (3:20 - 3:40pm)
      R'enyi Variational Inference for Gaussian Processes: Towards Enabling Regularization Tuning
   Wenbo Wu, Department of Biostatistics (3:40 - 4:00pm)
      Analysis of Readmissions Data Taking Account of Competing Risks
   Daiwei Zhang, Department of Biostatistics (4:00 - 4:20pm)
      Image-on-Scalar Regression via Neural Networks
   Yujia Pan, Department of Statistics (4:20 - 4:40pm)
      Separating and integrating latent variables for improved classification of genomic data

4:50 – 5:55pm  Michigan Junior Faculty Keynote (Zoom) (Moderator: Seokhyun Chung)
   Assistant Professor Raed AI Kontar, Department of IOE, University of Michigan
      Predictive Analytics for IoT Enabled Systems

5:55 – 6:30pm  Closing Remarks (Zoom) (Moderator: Seokhyun Chung)
Official Schedule: Friday, February 26<sup>th</sup>
Recurrent Zoom Meeting ID: 979 7179 8346 / Poster Session on Gather town

8:55 – 9:00am  Welcoming Remarks (<a>Zoom</a>) (Moderator: Xinyu Zhang)
9:00 – 10:40am Oral Presentations II (<a>Zoom</a>) (Moderator: Xinyu Zhang)
    Peter MacDonald, Department of Statistics (9:00 - 9:20am)
    *Latent space models for multiplex networks with shared structure*
    Robert P Malinas, Department of EECS (9:20 - 9:40am)
    *Space-Time Adaptive Detection at Low Sample Support*
    Emily Morris, Department of Biostatistics (9:40 - 10:00am)
    *Scalar on Network Regression via Boosting*
    Michael Law, Department of Statistics (10:00 - 10:20am)
    *Functional Data Analysis with Ultra High-Dimensional Covariates*
    Tian Gu, Department of Biostatistics (10:20 - 10:40am)
    *A Bayesian stacked imputation framework for extended regression inference in data integration*

10:50 – 11:50am Poster Session II (<a>Gather town</a>)

12:00 – 1:30pm Lunch Break

1:30 – 3:10pm Oral Presentations III (<a>Zoom</a>) (Moderator: Yijun Li)
    Xinyu Zhang, Program in Survey Methodology (1:30 - 1:50pm)
    *A Multivariate Stopping Rule for Survey Data Collection*
    Guangyu Yang, Department of Biostatistics (1:50 - 2:10pm)
    *Estimation of Knots in Linear Spline Model*
    Zihong Yi, Department of IOE (2:10 - 2:30pm)
    *A Multi-batch L-BFGS Method with Variance Reduction: Theory and Experiments*
    Daniel Kessler, Department of Statistics (2:30 - 2:50pm)
    *Inference post Selection of Group-sparse Regression Models*
    Drew Yarger, Department of Statistics (2:50 - 3:10pm)
    *ArgoSSM: A Bayesian state-space framework for predicting the location of oceanographic sensors in the Southern Ocean*

3:10 – 4:00pm Keynote Address (<a>Zoom</a>) (Moderator: Yijun Li)
    Professor Xihong Lin, Harvard University
    *Learning from COVID-19 Data on Transmission, Health Outcomes, Interventions and Vaccination*

4:00 – 4:30pm Student Awards and Closing Remarks (<a>Zoom</a>) (Moderator: Zeyu Sun)