

Being Significant: 60 Years of Mizzou Statistics

Conference Itinerary

Thursday, October 12, 2023

Time	Event	Location
4:00-6:00 PM	Early check-in will be available in the Department's main office. Grab your materials early and be ready to go for Friday morning!	Middlebush Hall 146, 900 University Avenue

Friday, October 13, 2023

Time	Event	Location
8:00-9:00 AM	Conference check-in	Wrench Auditorium Foyer, Second Floor Memorial Union
9:00-9:15 AM	Opening Remarks from Department Chair Dr. Chris Wikle and Arts and Sciences Dean Cooper Drury	Wrench Auditorium
9:15-10:45 AM	Morning Session <i>Chaired by: Scott Holan</i>	Wrench Auditorium
	Speakers: (4 speakers, 20 minutes each; 10 minutes Q&A/discussion)	
	Ali Arab , Georgetown University <i>Modeling Spatio-Temporal Dynamics Under Data Sparsity</i>	
	Toryn Schafer , Texas A&M University <i>Trend Filtering with Adaptive Bayesian Change-point Analysis for Count Time Series</i>	
	Paul Parker , University of California Santa Cruz <i>The Link Between Health Insurance Coverage and Citizenship Among Immigrants: Bayesian Regression Modeling of Categorical Survey Data Observed with Measurement Error</i>	
	Yu (Ryan) Yue , City University of New York <i>Anopow for Replicated Nonstationary Time Series in Experiments</i>	
10:45-11:30 AM	Break	
11:30 AM-12:15 PM	Keynote Presentation <i>Session Chair: Chris Wikle</i>	Wrench Auditorium
	Speaker: Mark Kaiser , Iowa State University <i>Recent Developments for Binary Markov Random Fields</i>	
12:15-1:45 PM	Lunch Break	
1:45-3:00 PM	Afternoon Session: Mizzou Assistant Professors <i>Session Chair: Suhwon Lee</i> Speakers: (3 speakers, 25 min each)	Leadership Auditorium, Second Floor Student Center

	<p>Xiaokang Liu, <i>A Density-Tilted Method for Data Integration of Multiple Heterogeneous Datasets with Structural Missingness</i></p> <p>Suman Majumder, <i>Multivariate Cluster Point Process Model</i></p> <p>Likun Zhang, <i>A Novel Extreme Value Autoencoder Framework for Probabilistic Model Emulation and Calibration</i></p>	
3:00-3:30 PM	Break	Leadership Lounge, Second Floor Student Center
3:30-4:15 PM	<p>Keynote Presentation <i>Session Chair: Tony Sun</i></p> <p>Speaker: Doug Steinley, University of Missouri <i>Analyzing Statistical Simulations: Providing Useful Information to Practitioners</i></p>	Leadership Auditorium
4:15-6:30 PM	Break	
6:30-9:30 PM	<p>Formal Dinner Social Hour 6:30-7:30 Dinner served 7:30-8:30 Departmental Remarks 8:30-8:45 Social Hour 8:45-9:30 Business professional attire encouraged.</p>	Broadway Hotel Executive Lower Level, 1111 East Broadway

Saturday, October 14, 2023

Time	Event	Location
9:00-9:30 AM	Light breakfast and check-in for Saturday-only attendees available	Leadership Lounge, Second Floor Student Center
9:30-10:15 AM	<p>Keynote Presentation <i>Session Chair: Chong He</i></p> <p>Speaker: Jing Cao, Southern Methodist University <i>Interpretable Sentiment Analysis Using the Attention-based Multiple Instance Classification Model</i></p>	Leadership Auditorium, Second Floor Student Center
10:15-10:30 AM	Coffee Break	Leadership Lounge
10:30 AM-12:20 PM	<p>Morning Session (5 speakers, 20 minutes each; 10 minutes Q&A/discussion) <i>Session Chair: Phil Deming</i></p> <p>Speakers:</p> <p>Song Zhang, University of Texas Southwestern Medical Center <i>Design Issues of Cluster Randomized Trials Which Evaluate Multiple Primary Endpoints</i></p>	Leadership Auditorium

	<p>Dongyan Yan, Eli Lilly and Company <i>scRAA: The Development of a Robust and Automatic Annotation Procedure for Single-Cell RNA Sequencing Data</i></p> <p>Adam Gold, Bayer <i>Shared Consciousness through Bayer's Digital Twin in Breeding Crop Science</i></p> <p>Mary Ryan, University of Wisconsin-Madison <i>Power Calculation for Cross-Sectional Stepped Wedge Cluster Randomized Trials with a Time-to-Event Endpoint</i></p> <p>Dayu Sun, Indiana University <i>Partial Quantile Tensor Regression</i></p>	
12:20-1:45 PM	Lunch Break	
1:45-3:15 PM	<p>Afternoon Session</p> <p>Speakers: (4 speakers, 20 minutes each; 10 minutes Q&A/discussion) <i>Session Chair: Kangwon Seo</i></p> <p>Joel Miller, Rabo AgriFinance <i>Navigating the Financial Banking Industry: Statistical Methods, Regulatory Influences, and Climate Risk Integration</i></p> <p>Yanyan Sheng, University of Chicago <i>Bayesian Estimation of Mixture Item Response Models</i></p> <p>Yang Li, Indiana University <i>Semiparametric Regression of Mixed Panel Count Data with Informative Observation Processes</i></p> <p>Guohui Wu, Amgen <i>Towards Efficient and Scalable Bayesian Inference: The Power of Variational Bayes and Quantum Computing</i></p>	Leadership Auditorium
3:15-4:00 PM	Coffee Break	Leadership Lounge
4:00-4:45 PM	<p>Keynote Presentation <i>Session Chair: Chris Wikle</i></p> <p>Speaker: Mevin Hooten, The University of Texas at Austin <i>Running On Empty: Recharge Dynamics from Animal Movement Data</i></p>	Leadership Auditorium
4:45-5:00 PM	Closing remarks and invitation to happy hour	Leadership Auditorium
5:00-6:30 PM	Poster Session Happy Hour. Join us for a presentation of posters by graduate students! An open bar and tacos will be provided. End the conference with some great food, a few drinks, and a chance to meet with the future of the department!	Middlebush Hall Foyer, 900 University Avenue