

# At a Glance

## Thursday June 1

**Time: 8:30 - 8:50**

Conference Inauguration SC Ball A

**Time: 9:00 - 10:20**

01.M1.I1 Privacy-preserving data integration for statistical inference SC Ball B

01.M1.I2 Causal Inference SC Ball C

01.M1.I3 Recent advances in survey sampling SC Ball E

01.M1.I4 Advances in Extreme Value Analysis MZ 122

01.M1.I5 Topics on Causal Inference and Mediation Analysis MZ 226

01.M1.I6 Bayesian methods for multimodal data integration MZ 235

Student Paper Competition 1 Application of Statistics and Data Sciences SC Ball D

**Coffee 10:20 - 10:50 Venue: Avery Room at the Student Center**

**Time: 10:50 - 12:10**

Special Session 1 Special Session on Mathematics and Statistics Education: Learning Mathematics and Statistics  
**SC Ball A**

01.M2.I7 Statistical Anecdotes in Neuroscience, Rare Disease, and Cancer Drug Development SC Ball B

01.M2.I8 Addressing challenges of nonstandard time-to-event endpoints in clinical trials SC Ball C

01.M2.I9 Recent advances in network data inference SC Ball E

01.M2.I10 Methods and computing for large spatial data MZ 122

01.M2.I11 Recent Advances in Network Analysis and Spatial Profiling MZ 235

Student Paper Competition 2 Probability and Theory of Statistics and Data Sciences SC Ball D

**Lunch 12:10 - 13:30 Venue: Avery Room at the Student Center**

**Time: 13:30 - 17:00**

Short Course 1 Statistical Inference of Network Data: Past, Present, and Future SC Ball E

**Time: 13:30 - 14:50**

Special Invited Session 1 Catherine Calder, Mary Meyer SC Ball A

01.A1.I12 Statistical Inference for multivariate and High dimensional data SC Ball B

01.A1.I13 New developments in high dimensional inferences for dependent data SC Ball C

01.A1.I14 Novel Statistical Approaches in Clinical Trials MZ 122

01.A1.I15	Statistical Challenges and Opportunities in the Biopharmaceutical Industry	MZ 226
01.A1.I16	Precision medicine in cancer research	MZ 235

**Short Break 14:50 - 15:00**

**Time: 15:00 - 16:20**

Special Invited Session 2	Amita Manatunga, David Ohlssen	SC Ball A
Panel Discussion 1	Let's Talk Issues	MZ 235
01.A2.I17	Methods for Highly Multivariate Nonstationary Spatial Processes	SC Ball B
01.A2.I18	Data aggregation, non-probability surveys and applications in government statistics	SC Ball D
01.A2.I19	Modern approaches in statistical neuroimaging	MZ 122
01.A2.I20	Bayesian statistics in drug development and biomarker discovery	MZ 226
Memorial Session 1	In Memorium: Professor Dalho Kim	SC Ball C

**Coffee 16:20 - 16:50 Venue: Avery Room at the Student Center**

**Time: 16:50 - 18:10**

Special Invited Session 3	Jae-Kwang Kim, Jean Opsomer	SC Ball A
01.E1.I21	Bayesian Modeling and Computation	SC Ball B
01.E1.I22	The Society for Clinical Trials: 45 Years of Collaboration between Statisticians, Clinicians, Ethicists, and Trialists	SC Ball C
01.E1.I23	Statistical Challenges and Opportunities in data-driven drug development	MZ 122
01.E1.I24	Statistical Inference on High Dimensional Data	MZ 226
01.E1.I25	Empirical Bayes Methodology	MZ 235

**Friday June 2**

**Time: 9:00 - 10:00**

Plenary Lecture 1	Doug Nychka	Friedhoff A
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**Time: 10:00 - 11:00**

Plenary Lecture 2	John Abowd	Friedhoff A
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**Coffee 11:00 - 11:30 Venue: Green Center Lobby**

**Time: 11:00 - 14:00**

Poster Session		Friedhoff B
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**Lunch 12:30 - 14:00 Venue: Green Center Lobby**

**Time: 14:00 - 15:00**

Bahadur memorial lecture	Amarjit Budhiraja	Friedhoff A
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**Time: 15:00 - 16:00**

Plenary Lecture 3 Aarti Singh

Friedhoff A

**Coffee 16:00 - 16:30 Venue: Green Center Lobby**

**Time: 16:30 - 17:30**

Plenary Lecture 4 Paul Albert

Friedhoff A

**Banquet and Awards Ceremony 18:30 - 21:30 Venue: Friedhoff A**

## Saturday June 3

**Time: 9:00 - 10:20**

Special Invited Session 4	Frank Bretz, Satrajit Roychoudhury	MZ 126
Special Session 2	Toward Enhanced Collaboration among Statisticians of Indian and African Descent in North America	MZ 226
03.M1.I26	Innovative Methods for Complex Clinical Trials	MZ 122
03.M1.I27	Recent advances in high-dimensional functional data analysis	MZ 222
03.M1.I28	Statistical Education, Data Science, and Psychometrics	MZ 235
03.M1.I29	Causal Inference Innovation and Application in Real World Evidence	MZ 322
03.M1.I30	Evolving Networks: Theory and Practice	MZ 326
03.M1.I31	Recent Advances in Biostatistics and Bioinformatics	MZ 335

**Coffee 10:20 - 10:50 Venue: MZ Atrium**

**Time: 10:50 - 12:10**

Special Invited Session 5	Rahul Mazumder, George Michailidis	MZ 126
Panel Discussion 2	Leadership and Collaboration across Cultures	MZ 326
03.M2.I32	Model-based statistical learning: Method and applications	MZ 122
03.M2.I33	Recent Advances in Time Series and Functional Data Analysis	MZ 222
03.M2.I34	Statistical inference for complex data structures	MZ 235
03.M2.C1	Contributed Session	MZ 226

**Lunch 12:10 - 13:30 Venue: MZ Atrium**

**Time: 13:30 - 18:00**

Short Course 2 Workshop on Machine Learning: ML Algorithms - Explainability, Diagnostics and Model Validation  
MZ 326

**Time: 13:30 - 14:50**

Special Invited Session 6	Hal Stern, Purnamrita Sarkar	MZ 126
03.A1.I35	Statistical analysis of random graphs: theory and applications	MZ 122

03.A1.I36	Recent advances in nonparametric and object-oriented regressions in complex structured data	MZ 222
03.A1.I37	Computational complexities of spatio-temporal modeling in Environmental Sciences	MZ 226
03.A1.I38	Robust network inference	MZ 235
03.A1.I39	Recent methods in factor analysis	MZ 322
03.A1.I40	Recent Developments in High-dimensional Bayesian Modeling and Inference	MZ 335

### Short Break 14:50 - 15:00

**Time: 15:00 - 16:20**

Memorial Session 2	In Memorium: Professor Krishna Athreya	MZ 126
03.A2.I41	Recent advances in anytime-valid sequential inference	MZ 122
03.A2.I42	New Developments in Survival and Longitudinal Analysis	MZ 222
03.A2.I43	AI/ML Applications in the Industry	MZ 226
03.A2.I44	Recent developments in small area statistics and applications	MZ 235
03.A2.I45	Theory of Cross Validation	MZ 335

### Coffee 16:20 - 16:50 Venue: MZ Atrium

**Time: 16:50 - 18:10**

Memorial Session 3	In Memorium: Professor Krishna Athreya	MZ 126
03.E1.I46	Topics in high-dimensional statistics	MZ 122
03.E1.I47	Modern semiparametric methods for biomedical data	MZ 222
03.E1.I48	Shape-constrained Inference	MZ 226
03.E1.I49	Statistical modeling and inference for wildland fires	MZ 235
03.E1.I50	Inference Problems based on Network Data	MZ 335

**Time: 18:30 - 20:00**

Meeting 1	General Body Meeting (members only)	MZ 326
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## Sunday June 4

**Time: 9:00 - 12:30**

Short Course 3	Data Analysis after Record Linkage: Sources of Error, Consequences, and Possible Solutions	MZ 326
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**Time: 9:00 - 10:20**

04.M1.I51	Modern advances in Bayesian techniques	MZ 122
04.M1.I52	Mixed-effect prediction and computer experiments	MZ 222
04.M1.I53	Machine learning and statistics	MZ 226
04.M1.I54	Recent developments in statistical learning theory and decision making	MZ 235
04.M1.I55	Scalable Bayesian Methods in Biology and Public Health	MZ 322

**Coffee 10:20 - 10:50 Venue: MZ Atrium**

**Time: 10:50 - 12:10**

04.M2.I57	Variable selection in complex data	MZ 122
04.M2.I58	Inference and applications with complex surveys and small areas	MZ 222
04.M2.I59	Recent Advances in Statistical Inference	MZ 235
04.M2.I60	Bayesian semiparametric and spatial models in ecology, epidemiology, and finance	MZ 322
04.M2.I61	Sharp theoretical guarantees on modern machine-learning methods	MZ 335

**FIN**

**Food Coupon Color Codes:**

- Red, Pink, Orange: Lunch coupons for June 1, 2, and 3 respectively.
- Green: Banquet dinner coupon (June 2).
- White: Wine coupons for banquet (June 2).

**Dorm and Venue Addresses:**

**Dorm address:**  
 Maple Hall,  
 Colorado School of Mines  
 1733 Maple Street,  
 Golden, CO 80401

**Ben H. Parker Student Center  
 (Student Center):**  
 1200 16th Street,  
 Golden, CO 80401

**Maple Hall Front Desk:**  
 Phone: 303-273-3984  
 Monday – Friday: 8:00AM – 8:00PM  
 Saturday – Sunday: 10:00AM – 4:00PM; 6:00PM – 8:00PM

**Green Center (Friedhoff Halls):**  
 924 16th Street,  
 Golden, CO 80401

**Mines Market (For breakfast):**  
 Mines Market, Elm Hall  
 1795 Elm St.,  
 Golden, CO 80401

**Marquez Hall:**  
 1600 Arapahoe St,  
 Golden, CO 80401

**Internet Access Options:**

- Mines-Guest (Open Access)
- Eduroam

