

Timetable

Friday, April 26

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| 9:15–9:30 | Opening remarks | | |
| Block 1: Mathematical Finance/Actuarial Science | | | |
| 9:30 – 10:00 | MY | Liam Welsh DoSS | Nash Equilibria in Greenhouse Gas Offset Credit Markets |
| 10:00–10:30 | MY | Sophia Chan DoSS | Data Mining of Telematics Data: Unveiling the Hidden Patterns in Driving Behaviour |
| 10:30–10:45 | MY | Hassan Abdelrahman DoSS | A Marked Cox Model for Individual IBNR Claims |
| 10:45–11:00 | Break | | |
| Block 2: Theoretical Statistics | | | |
| 11:00–11:30 | KCT | Ziyi Liu DoSS | Causal Bandits: the Pareto Optimal Frontier and Beyond |
| 11:30–12:00 | KCT | Bingqing Li DoSS | Linear Discriminant Regularized Regression |
| Block 3: External Talks (Applied Statistics) | | | |
| 12:00–12:30 | FHS | Mary Agopian Medical Biophysics | Making T-cell Genomics Quantitative and Robust Using Synthetic Spike-In Standards |
| 12:30–13:00 | FHS | Mohammad Reza Fahimi Public Health Sciences | Design and Analysis of Two-Phase Studies with Ordinal Outcomes |
| 13:00–14:00 | Lunch (Provided) | | |
| Block 4: Computational Statistics | | | |
| 14:00–14:30 | MG | Ruyi Pan DoSS | Temporal Dependent Four Way Rotated Clayton Mixtures |
| 14:30–15:00 | MG | Tong Li DoSS | Algorithm for Adaptive Experiments that Trade-off Statistical Analysis with Reward |
| 15:00–15:15 | MG | Robert Zimmerman DoSS | Understanding Coronal Flare Activity using State-Space Models |
| 15:15–16:00 | Poster Session | | |
| Block 5: Applied Statistics | | | |
| 16:00–16:30 | RP | Rongqian Zhang DoSS | SAN: Mitigating Spatial Covariance Heterogeneity in Cortical Thickness Data Collected From Multiple Scanners or Sites |
| 16:30–17:00 | RP | Xiaochuan Shi DoSS | Sparse Estimation of Causal Effects in Multi-Treatment Settings |
| 17:00–17:05 | Closing remarks | | |
| 18:00 onwards | Reception (Prenup Pub) | | |

Chairs: MY – Mandy Yao; KCT – Konstantinos Christopher Tsiolis; FHS – Fred Haochen Song; RP – Ruyi Pan; MG – Morris Greenberg

Note: DoSS – Department of Statistical Sciences