

Peter Hall Conference 2019

UC Davis Statistics Department

May 10 & 11, 2019

Conference Schedule

Friday

8:15 - 8:50 light breakfast

8:50 - 9:00 Welcome remarks

Chair: Wolfgang Polonik

9:00 - 9:40 am Samory Kpotufe - Measuring transferability: some recent insights

9:40 - 10:20 am Shiva Kasiviswanathan - Contextual online false discovery rate control

break

Chair: Fushing Hsieh

10:40 - 11:20 am Patrice Koehl - Optimal transport at finite temperature

11:20 - 12:00 pm Justin Solomon - Correspondence and optimal transport for geometric data processing

12:00 - 12:40 am Wuchen Li - Learning via Wasserstein information geometry

lunch (commons)

Chair: Krishna Balasubramanian

2:15 - 2:55 pm Cun-hui Zhang - Factor models for high-dimensional tensor time series

2:55 - 3:35 pm Tamara Kolda - Stochastic optimization for large-scale tensor decomposition

break

Chair: James Sharpnack

4:00 - 4:40 pm Ali Shojaie - Generalized matrix decomposition for two-way structured data: from exploratory analysis to inference

4:40 - 5:20 pm Mladen Kolar - Two-sample inference for high-dimensional Markov networks

poster session

Saturday

8:15 - 9:00 light breakfast

Chair: Wolfgang Polonik

9:00 - 9:40 am Peter Bartlett - Overparameterization and benign overfitting in linear regression

9:40 - 10:20 am Mikhail Belkin - Fit without fear: from classical statistics to modern machine learning

break

Chair: Fushing Hsieh

10:40 - 11:20 am Kenji Sagae - Multilingual analysis with language embeddings

11:20 - 12:00 pm Purnamrita Sarkar - Overlapping clustering models, and one (class) SVM to bind them all

12:00 - 12:40 pm James Sharpnack - Fused density estimation