Program at a Glance

Time	19 June 2019, Wednesday **Venue: LT-10**
8:30 - 9:00	Registration
	(Chair: Ding-Xuan ZHOU)
9:00 - 9:10	Opening Ceremony
	(Chair: Ding-Xuan ZHOU)
9:10 - 9:40	**Raymond CHAN** *A two-stage classification method for high-dimensional data and point clouds*
9:40 - 10:10	**Andreas CHRISTMANN** *Robust Localized Learning*
10:10 - 10:40	**Xiao-Jun CHEN** *Nonsmooth convex regression with cardinality penalty*
10:40 - 10:50	**Photo Session** Wong's International Terrace outside Yeung Kin Man Academic Building
10:50 - 11:10	Coffee Break
	(Chair: Yiming YING)
11:10 - 11:40	**Ata KABAN** *Structure-aware Learning with Random Projections*
11:40 - 12:10	**Xiaoming HUO** *Interface of statistics, computing, and data science*
12:10 - 14:00	Lunch Break
	(Chair: Xiaoming HUO)
14:00 - 14:30	**Song LI** [CANCELLED] *Identifiability and Non-Convex Algorithm for Multichannel Blind Deconvolution*
14:30 - 15:00	**Bin DONG** *Bridging Deep Neural Networks and Differential Equations for Image Analysis and Beyond*
15:00 - 15:30	**Xiaoqun ZHANG** *Stochastic Primal Dual Fixed-Point Methods for composite convex models in Statistical Learning*
15:30 - 16:00	Coffee Break
	(Chair: Zhiqiang XU)
16:00 - 16:30	**Junhui WANG** *A smooth collaborative recommender system*
16:30 - 17:00	**Luoqing LI** *Atomic Representation-based Classification*
17:00 - 18:00	
18:00 - 20:30	**Welcoming Reception** Staff Lounge, 9/F, Bank of China (Hong Kong) Complex, CityU
	LT-10: Lecture Theatre 10, Blue Zone, Leve 4, Yeung Kin Man Academic Building

Program at a Glance

Time	20 June 2019, Thursday Venue: LT-10
8:30 - 9:00	Registration
	(Chair: Michael NG)
9:00 - 9:30	**Yang WANG** *Scattering Transform and Stylometry Analysis in Arts*
9:30 - 10:00	**Massimiliano PONTIL** *Uniform Concentration and Symmetrization for Weak Interactions*
10:00 - 10:30	**Zhiqiang XU** *The estimation performance of nonlinear least squares for phase retrieval*
10:30 - 11:00	Coffee Break
	(Chair: Yang WANG)
11:00 - 11:30	**Philipp PETERSEN** *Low dimensional structures in deep learning problems*
11:30 - 12:00	**Xiaoming YUAN** *Boosting primal-dual type methods with larger step sizes for saddle point problems*
12:00 - 14:00	Lunch Break
	(Chair: Lihua YANG)
14:00 - 14:30	**Francesco ORABONA** *Parameter-free Convex Stochastic Optimization through Coin Betting*
14:30 - 15:00	**Michael NG** *Tensor Decomposition and Deep Network*
15:00 - 15:30	**Wenchang SUN** *Exact Phase-Retrievable Frames*
15:30 - 16:00	Coffee Break
	(Chair: Qiang WU)
16:00 - 16:30	**Jianjun WANG** *Low-tubal-rank Tensor Analysis: Theory, Algorithms and Applications*
16:30 - 17:00	**Ting HU** *Distributed Pairwise Algorithms with Gradient Descent Methods*
17:00 - 18:00	
18:00 - 21:00	Conference banquet House of Canton, Shop 40, LG2, Festival Walk (翰騰閣, 九龍塘又一城LG2層40號舖)
	LT-10: Lecture Theatre 10, Blue Zone, Leve 4, Yeung Kin Man Academic Building

Program at a Glance

Time	21 June 2019, Friday Venue: LT-10
8:30 - 9:00	Registration
	(Chair: Sergei PEREVERZYEV)
9:00 - 9:30	**Arthur GRETTON** *Training Generative Adversarial Networks with Kernel Methods*
9:30 - 10:00	**Tong ZHANG** *Some Recent Advances in Stochastic Nonconvex Optimization*
10:00 - 10:30	**Bharath SRIPERUMBUDUR** *Distribution Regression: Computational vs. Statistical Trade-off*
10:30 - 11:00	Coffee Break
	(Chair: Simon FOUCART)
11:00 - 11:30	**Sergei PEREVERZYEV** *Distance Function and Effective Dimension in a Kernel Analysis of Deep Networks*
11:30 - 12:00	**Qiang FU** *Assessing and Updating Intrinsic Estimators in Age-Period-Cohort Analysis*
12:00 - 14:00	Lunch Break
	(Chair: Don HONG)
14:00 - 14:30	**Zoltán SZABÓ** *Outlier-Robust Divergence Estimation on Kernel-Endowed Domains with Median of Means*
14:30 - 15:00	**Xin GUO** *Distributed Minimum Error Entropy Algorithms*
15:00 - 15:30	**Zhangsheng YU** *Semiparametric Inference with an Image Predictor using Convolution Neural Network*
15:30 - 16:00	Coffee Break
	(Chair: Bharath SRIPERUMBUDUR)
16:00 - 16:30	**Jian-Feng CAI** *Solving Systems of Phaseless Equations with Optimal Complexity*
16:30 - 17:00	**Daohong XIANG** *The Consistency of Kernel-Based Large-Margin Classification*
LT-10: Lecture Theatre 10, Blue Zone, Leve 4, Yeung Kin Man Academic Building	

Program at a Glance

Time	22 June 2019, Saturday **Venue: LT-10**
	(Chair: Zoltán SZABÓ)
9:00 - 9:30	**Matthew HIRN** *Learning on Graphs and Manifolds with Geometric Wavelet Scattering Transforms*
9:30 - 10:00	**Ding-Xuan ZHOU** *Approximation theory of deep convolutional neural networks*
10:00 - 10:30	**Tianbao YANG** *Solving Weakly Monotone Variational Inequality and Its Application in GAN Training*
10:30 - 11:00	Coffee Break
	(Chair: Francesco ORABONA)
11:00 - 11:30	**Simon FOUCART** *Nonlinear Approximation and (Deep) ReLU Networks*
11:30 - 12:00	**Don HONG** *NLP, CoQA and Projects*
12:00 - 14:00	Lunch Break
	(Chair: Alexander POWELL)
14:00 - 14:30	**Yiming YING** *Stability and Optimization Error of SGD Algorithms for Pairwise Learning*
14:30 - 15:00	**Qiang WU** *Dimension Reduction: Algorithms and Applications*
15:00 - 15:30	**Lihua YANG** *Approximation Theorem for Graph Functions*
15:30 - 16:00	Coffee Break
	(Chair: Luoqing LI)
16:00 - 16:30	**Zheng-Chu GUO** *Analysis of Online Learning Algorithms*
16:30 - 17:00	**Yunlong FENG** *Learning under Weak Moment Conditions*
LT-10: Lecture Theatre 10, Blue Zone, Leve 4, Yeung Kin Man Academic Building	

Program at a Glance

Time	23 June 2019, Sunday **Venue: LT-10**
	(Chair: Andreas CHRISTMANN)
9:00 - 9:30	**Alexander POWELL** *Low-bit quantization for training neural networks*
9:30 - 10:00	**Minh HA QUANG** *A geometrical framework for covariance matrices and covariance operators in machine learning and applications*
10:00 - 10:30	**Jun FAN** *Robust Functional Linear Regression in RKHS*
10:30 - 11:00	Coffee Break
	(Chair: Ata KABAN)
11:00 - 11:30	**Yuyi WANG** *Probabilistic inference in relational models*
11:30 - 12:00	**Lei SHI** **[CANCELLED]** *Kernel-based Regression on Massive Data*
LT-10: Lecture Theatre 10, Blue Zone, Leve 4, Yeung Kin Man Academic Building