IASC-ARS 2019

Program Schedule - 2 December 2019 (Monday)

09:00 - 09:30	Conference Registration		RRS101 (outside)
09:30 - 12:30	Tutorial 1: Statistical Network Data Analysis	Simon Cheung	RRS101
14:30 – 17:30	Tutorial 2: Anomaly Detection Using Unsupervised Learning Algorithms	Mehdi Soleymani	RRS101
18:30 – 20:00	Registration and Reception (light refreshment)		Rome Café (HKU)

RRS101 Room 101, Run Run Shaw Building, HKU

Rome Café Level P3, Graduate House, The University of Hong Kong

IASC-ARS 2019

Parallel Sessions - 3 December 2019 (Tuesday)

08:30 - 09:30	Conference Registration		RHT Foyer
08:50 - 09:10	Opening Ceremony		RHT
09:10 - 09:55	**Keynote Talk - Wolfgang Karl Härdle** CRIX Cryptocurrencies: New Ideas for Statistics	**Chair: T.W.K. Fung**	RHT

09:55 - 10:35	Group Photo and Coffee Break		RHT Foyer

Time:	**PS1 - Poster Session 1**		
10:05 - 10:35	A Probabilistic Subset Search (PSS) Algorithm for Optimizing Functional Data Sampling Designs	Hyungmin Rha	**RHT Upper Foyer**
10:05 - 10:35	AFT Random Effect Modelling Approaches for Multi-Center Survival Data	Seong Jin Hyeon	
10:05 - 10:35	Sensitivity Analysis of Copula and Frailty Models for Clustered Time-to-Event Data	Hao Lin	
10:05 - 10:35	Detecting Fake Images via Multiscale Methods in High-dimensional Data	Minsu Park	

Time	**SIS* - Economic Innovations and Advances in Statistical Computing (Organizer: Tze Leung Lai)**	**Chair: Tze Leung Lai**	
10:35 - 11:10	Multivariate Orthogonal Matching Pursuit and Modified Gradient Boosting in Macroeconomic Time Series Models	Ka Wai Tsang	**RHT**
11:10 - 11:50	Portfolio Optimization with Parameter Uncertainty and under Risk Measure Constraints	Tze Leung Lai	

Time	**IS26 - Recent Advances in Complex Time Series Analysis (Organizer: W.K. Li)**	**Chair: W.K. Li**	
10:35 - 11:00	High-dimensional Vector Autoregressive Time Series Modeling via Tensor Decomposition	Guodong Li	**CPD3.15**
11:00 - 11:25	Adaptive Inference for a Semiparametric GARCH Model	Ke Zhu	
11:25 - 11:50	On an Absolute Autoregressive Model and Skew Symmetric Distributions	Dong Li	

Time	**IS36 - Recent Developments in Complex Survival Models and Challenges (Organizer: Il Do Ha)**	**Chair: Il Do Ha**	
10:35 - 11:00	NPML Estimation for Non-parametric Frailty Models	Chew-Seng Chee	**CPD3.16**
11:00 - 11:25	Assessing the Optimal Cutpoint for Tumor Size in Patients with Lung Cancer Based on Linear Rank Statistics in a Competing Risks Framework	Jinheum Kim	
11:25 - 11:50	Penalized Likelihood Approaches for Various Types of Multivariate Survival Models	IL DO HA	

Time	**IS6 - Big Data Analytics and Methods for High-Throughput Biological Data (Organizer: Hsin-Chou Yang)**	**Chair: Hsin-Chou Yang**	
10:35 - 11:00	Flexible Experimental Designs for Valid Single-cell RNA-sequencing Experiments Allowing Batch Effects Correction	Yingying Wei	**CPD3.21**
11:00 - 11:25	Assessment of Polygenic Architecture and Risk Prediction based on Common Variants Using Cancer Summary GWAS Data	Dora Zhang	
11:25 - 11:50	Study Genetic Ancestry and Homozygosity Disequilibrium in Global Populations	Hsin-Chou Yang	

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Parallel Sessions - 3 December 2019 (Tuesday)

Time	IS24 - Computational Actuarial Science (Organizer: K.C. Cheung)	Chair: K.C. Cheung	
10:35 - 11:00	Reinsurance Contract Design with Adverse Selection	Kevin F.L. Yuen	CPD3.22
11:00 - 11:25	Fourier-cosine Method for Gerber-Shiu Functions	Phillip Yam	
11:25 - 11:50	A Discrete-time Risk Model with Poisson ARCH Claim-number Process	Kam Chuen Yuen	

Time	IS14 - Statistical Analysis of Data with Complicated Structures (Organizer: Junji Nakano)	Chair: Junji Nakano	
10:35 - 11:00	Symbolic Data Analysis in Medicine	Masahiro Mizuta	CPD3.29
11:00 - 11:25	Correlation Between Variables in Aggregated Symbolic Data	Nobuo Shimizu	
11:25 - 11:50	A Statistical Model of the Article Citation Network in Statistics	Junji Nakano	

12:15 - 13:45	Dim Sum Lunch	Treasure Lake Seafood Restaurant

Time	IS23 - Time Series Analysis: Methods and Applications (Organizers: Mike K.P. So and Cathy W.S. Chen)	Chair: Cathy W.S. Chen	
14:00 - 14:25	Estimation and Prediction of Conditional Tail Expectation for Long-horizon Returns	Henghsiu Tsai	CPD3.15
14:25 - 14:50	Quasi-Maximum Likelihood Estimation for Conditional Autoregressive Wishart Models	Manabu Asai	
14:50 - 15:15	Using Heteroskedasticity-consistent Variances for Possibly Weakly Dependent Data: Reviews and Some New Results	Chor-yiu Sin	
15:15 - 15:40	Bayesian Analysis of Dynamic Cross-sectional Copula Factor Models	Mike K.P. So	

Time	IS31 - Interpretable Machine Learning (Organizer: A.J. Zhang)	Chair: A.J. Zhang	
14:00 - 14:25	Causal Inference and Stable Prediction	Kun Kuang	CPD3.16
14:25 - 14:50	Data-driven Discovery of Medical Terms from Chinese Electronic Health Records	Sheng Yu	
14:50 - 15:15	Interpretable Machine Learning in Banking and Finance	A.J. Zhang	

Time	IS8 - New Topics in Noisy and Complex Data (Organizers: Yoshikazu Terada and Hiroshi Yadohisa)	Chair: Yoshikazu Terada	
14:00 - 14:25	The Power-IDI: A Quantification of the Incremental Predictive Value Based on the Integrated Discrimination Improvement	Kenichi Hayashi	CPD3.21
14:25 - 14:50	Robust Estimation for Relative Error Regression	Kei Hirose	
14:50 - 15:15	Functional Canonical Correlation Analysis for Multivariate Stochastic Processes	Michio Yamamoto	
15:15 - 15:40	Selective Inference via Multiscale Bootstrap and Its Application	Yoshikazu Terada	

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Parallel Sessions - 3 December 2019 (Tuesday)

Time	IS29 - Modern Statistical Methods for Complex or High-Dimensional Data (Organizer: Kin Yau Wong)	Chair: Kin Yau Wong	
14:00 - 14:25	Linear Discriminant Analysis with High Dimensional Mixed Variables	Binyan Jiang	CPD3.22
14:25 - 14:50	Factor Models for High-Dimensional Tensor Time Series	Dan Yang	
14:50 - 15:15	Local Homogeneous Censored Quantile Regression Model with Time-Dependent Covariates	Tony Sit	
15:15 - 15:40	Variable Selection for Multiple Types of High-Dimensional Features With Missing Data	Kin Yau Wong	

Time	IS15 - Medical and Health Analysis, Mathematical Approach (Organizer: Makoto Tomita)	Chair: Makoto Tomita	
14:00 - 14:25	Visualization of Hotspot Cluster Using Echelon Scan Technique and Its Software	Fumio Ishioka	CPD3.23
14:25 - 14:50	Statistical Inference for High-dimensional GMANOVA Model	Takayuki Yamada	
14:50 - 15:15	Recent Topics in Biostatistics in Clinical Research	Takayuki Abe	
15:15 - 15:40	Interactive Visualization to Analyze the Influence of Drug Resistance Appearance	Sanetoshi Yamada	

Time	IS2 - Research Metrics: Methods and Applications to the Analysis of the Web of Science (Organizer: Junji Nakano)	Chair: Junji Nakano	
14:00 - 14:25	A Dynamic Study on the Evolution of the Structure and Clusters of Coauthorship Network from the Web of Science	Frederick Kin Hing Phoa	CPD3.29
14:25 - 14:50	Comparing Methods of Topic Modeling for Author Identification	Tomokazu Fujino	
14:50 - 15:15	Analyzing Numbers of Citations in Academic Fields and the Influence of Statistics Articles	Junji Nakano	
15:15 - 15:40	Understanding Themes and Trends in Research Activities Using Topic Modeling and Journal Abstracts	Mio Takei	

15:40 - 16:10	Coffee Break	CPD-3/F

Time	IS22 - Statistical Computing for Business Analytics (Organizers: Cathy W.S. Chen and Mike K.P. So)	Chair: Mike K.P. So	
16:10 - 16:35	On Bivariate Hysteretic Autoregressive Model with Conditional Asymmetry in Time-varying Correlations	Cathy W.S. Chen	CPD3.15
16:35 - 17:00	Financial News Credibility Measurement and Analysis	Ka Chung Ng	
17:00 - 17:25	Latent Factor on Image Regression with Nonignorable Missing Data	Xinyuan Song	

Time	IS32 - Recent developments in time series analysis (Organizer: Guodong Li)	Chair: Guodong Li	
16:10 - 16:35	Semi-quantile Spectral Analysis for Time Series	Jingyu Zhao	CPD3.16
16:35 - 17:00	High-dimensional Matrix Autoregressive Model	Di Wang	
17:00 - 17:25	Change-point Detection in Spatio-temporal Processes	Chun Yip Yau	

Time	IS28 - Applications in Industry (Organizer: S.N. Chiu)	Chair: S.N. Chiu	
16:10 - 16:35	Deep Learning in Defect Inspection	Ka Yiu Wong	CPD3.29
16:35 - 17:00	Reducing False Positives and Production Pipeline	Qinxin Geng	
17:00 - 17:25	How NVIDIA's GPU Platform Accelerate Machine Learning Development	Charles Cheung	

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Parallel Sessions - 3 December 2019 (Tuesday)

Time	CS1 - Student Session 1	*Chair: TBC*	
16:10 - 16:35	A Study of Factors Influencing Non-Performing Assets (NPAs) in Indian Banking Sector and Use of AI & Big Data Analytics as Remedial Tools (Special Reference to Global Trends)	Shaleen Kumar Srivastava	**CPD3.21**
16:35 - 17:00	Evaluation of Sampling Methods for Content Analysis of Facebook Data	Xavier Javines Bilon	
17:00 - 17:25	Classification on Large Vessel Occlusion using 3D Siamese Neural Network	Jia You	

Time	CS2 - Student Session 2	*Chair: TBC*	
16:10 - 16:35	Stratified Double Ranked Set Sampling, A Simulation Study Investigating the Design and Efficiency	Brian J. Rafor	**CPD3.22**
16:35 - 17:00	Penalized Variable Selection for Multi-level AFT Random-Effect Survival Models	Sookhee Kwon	
17:00 - 17:25	Subgroup Identification for Survival Data Using the Bump Hunting Method	Ke Wan	
17:25 - 17:50	Sparsity-restricted Estimation for the Accelerated Failure Time Model	Xiaoyu Zhang	

Time	CS3 - Student Session 3	*Chair: TBC*	
16:10 - 16:35	Generative Adversarial Networks in Multiple Imputation Framework to Handle Missing Data in Big Data Health Services Research	Weinan Dong	**CPD3.23**
16:35 - 17:00	Inference of Ranking Data with Social Network	Jiaqi Gu	
17:00 - 17:25	A Dimension Reduction Method Based on MIC	Ren Sasano	

Time	CS4 - Student Session 4	*Chair: TBC*	
16:10 - 16:35	Adaptive MCMC with Robust Covariance Matrix Estimator	Xiaolin Song	**CPD3.24**
16:35 - 17:00	Forecasting High Dimensional Realized Covariance Matrices Using Deep Learning	Yanwen Fang	
17:00 - 17:25	Adaptive Log-linear Zero-inflated Generalised Poisson Autoregressive Model with Applications to Crime Counts	Xiaofei Xu	
17:25 - 17:50	An Empirical Evaluation of Large Dynamic Covariance Models in Portfolio Value-at-Risk Estimation	Keith K.F. Law	

19:00 - 21:30	IASC-ARS BoD Meeting (By Invitation)	Moon Palace

RHT	Rayson Huang Theatre, HKU (near Run Run Shaw Building)
CPD	Centennial Campus, HKU
Treasure Lake Seafood Restaurant	Treasure Lake Seafood Restaurant Yip Cheong Bldg, 4-16 Hill Road, Shek Tong Tsui, Hong Kong

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Parallel Sessions - 4 December 2019 (Wednesday)

09:00 - 09:20	Conference Registration		RHT Foyer
09:20 - 10:05	**Keynote Talk - G.S. Yin** Demystify Lindley's Paradox: Reconcile P-value and the Posterior Probability	**Chair: Chun-houh Chen**	RHT

10:05 - 10:35	Coffee Break		RHT Foyer

Time	**PS2 - Poster Session 2**		
10:05 - 10:35	Using Spark to Model/Visualize Selected Currency Exchange Rates	T.C. Leung	**RHT Upper Foyer**
10:05 - 10:35	A Criterion for Determining Features of Terms in Contexts on Collective Documents	Ken Nittono	
10:05 - 10:35	Shared Frailty Model Applied to Incidences for Lameness Removal of Sows and Their Reproductive Performance	R. Iida	
10:05 - 10:35	Time-series Data Analysis: a Ten-year Trend in Piglet Pre-weaning Mortality in Pig Breeding Herds	Y. Koketsu	

Time	**IS7 - Bayesian Statistics and Big Data (Organizer: Mayer Alvo)**	**Chair: Mayer Alvo**	
10:35 - 11:00	Sampling Ancestral Trees Compatible with Genomic Data Using Markov Chain Monte Carlo	Burkett Kelly	**RHT**
11:00 - 11:25	Bayesian Model Selection Approach for Colored Graphical Gaussian Models	Qiong Li	
11:25 - 11:50	Estimating the Local False Discovery Rate via a Bootstrap Solution to the Reference Class Problem	Mayer Alvo	

Time	**IS27 - Modeling and Analyzing Ranking Data (Organizer: Philip L.H. Yu)**	**Chair: Philip L.H. Yu**	
10:35 - 11:00	An Extended Mallows Model for Ranked Data Aggregation	Han Li	**CPD3.15**
11:00 - 11:25	Logit Tree Models for Discrete Choice Data with Application to Advice-Seeking References Among Chinese Christians	Paul H. Lee	
11:25 - 11:50	Weighted Distance-based Models for Ranking Data using the R Package rankdist	Zhaozhi Qian	

Time	**IS33 - High Dimensional Theory and Application (Organizer: Hanzhong Liu)**	**Chair: Hanzhong Liu**	
10:35 - 11:00	Statistical Methods for Data Integration in Single-cell Genomics	Zhixiang Lin	**CPD3.16**
11:00 - 11:25	MACE: Multiscale Abrupt Change Estimation Under Complex Temporal Dynamics	Weichi Wu	
11:25 - 11:50	High-dimensional Bootstrapping Inference of Average Treatment Effect in Completely Randomized Experiments	Hanzhong Liu	

Time	**IS37 - Machine Learning for High-dimensional Data (Organizer: Dae-Heung Jang)**	**Chair: Dae-Heung Jang**	
10:35 - 11:00	A Symbolic Data Analysis Approach to Regularized Sliced Inverse Regression for Gene Expression Data	Han-Ming Wu	**CPD3.21**
11:00 - 11:25	Two-Stage Classification with SIS Using a New Filter Ranking Method in High Throughput Data	Jong-min Kim	
11:25 - 11:50	Hyper-parameter Tuning in Deep Learning for High-dimensional Data	Dae-Heung Jang	

Time	**IS9 - Case Studies in Big-Data Analysis (Organizer: Jeff Jianfeng Yao)**	**Chair: Jeff Jianfeng Yao**	
10:35 - 11:00	A Novel Climate Network Approach Based on Multi-dimensional Measures	Zhaoyuan Li	**CPD3.29**
11:00 - 11:25	Guiding Rational Hepatitis C Vaccine Design Using Machine Learning	Ahmed Abdul Quadeer	
11:25 - 11:50	Bayesian Hierarchical Modeling for Multivariate Change Point Detection	Huaqing Jin	

12:15 - 13:45	Lunch		Rome Café (HKU)

12:45 - 13:45	Luncheon Forum: How to Build a Career in Big Data and Artificial Intelligence	**Chair: Philip L.H. Yu**	**WGW Theatre**

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Parallel Sessions - 4 December 2019 (Wednesday)

Time	IS18 - Recent Advances in Modelling Complex Data (Organizer: Thomas Fung)	Chair: Thomas Fung	
14:00 - 14:25	Combine Expectation-Maximization with Active Learning for Linear Discrimination Analysis	Ray-Bing Chen	CPD3.15
14:00 - 14:25	A Clustering Time Series Forecasting Scheme using Change-point Detection and LSTM Networks	Lijing Ma	
14:25 - 14:50	The effect of January 2014 liquor licence reforms on domestic violence halted assaults in NSW, Australia	Thomas Fung	

Time	IS30 - Analysis of Large-scale Matrix and Tensor Data (Organizer: Junhui Wang)	Chair: Xin He	
14:00 - 14:25	A General Sparse Learning Framework in RKHS	Xin He	CPD3.16
14:25 - 14:50	Tensor Networks for Neural Networks	Zenglin Xu	
14:50 - 15:15	Statistical Methods for Large-Scale Physical Activity Data in Population Studies	Xinyue Li	
15:15 - 15:40	High-order Imaging Regression via Internal Variation	Long Feng	

Time	IS16 - Knowledge Discovery in Big Data (Organizer: Erniel Barrios)	Chair: Erniel Barrios	
14:00 - 14:25	Semiparametric Latent Topic Modeling from Consumer-Related Corpora	Dominic Bagus Dayta	CPD3.21
14:25 - 14:50	The contribution of University of the Philippines to National Development: Insights from Machine Learning	Erniel Barrios	
14:50 - 15:15	Outlier Detection Using the Forward Search and a PCA-Based Influence Measure	Martin Augustine Bautista Borlongan	
15:15 - 15:40	Insights from Publications of University of the Philippines: A Topic Modeling Approach	Michael Van B. Supranes	

Time	IS10 - YS-ISI Session: Computational Statistics with Applications (Organizer: Han-Ming Wu)	Chair: Han-Ming Wu	
14:00 - 14:25	A Non-parametric Probabilistic Approach for Quantifying Judicial Uncertainty in Argentina	Lucía Carolina Varela	CPD3.29
14:25 - 14:50	Gender and Indigent Students Based Training and Mentoring Through Statistical Computing in North Central Nigeria	Monday Osagie Adenomon	
14:50 - 15:15	Offline Signature Recognition with Machine Learning	João Victor Pacheco Dias	
15:15 - 15:40	Generalization Analysis for Mechanism of Deep Learning via Nonparametric Statistics	Masaaki Imaizumi	

Time	CS5 - Statistical Algorithms and Applications	Chair: Wentao Li	
14:00 - 14:25	Hybridization of Artificial Bee Colony with Late Acceptance Hill Climbing Algorithm for solving the Office-Space Allocation Problem	Asaju La'aro Bolaji	CPD3.21
14:25 - 14:50	A Routine for Fast Simulation of Queues and Some Applications	David Fernando Muñoz	
14:50 - 15:15	Empirical Evaluation of Initial Transient Deletion Rules for the Steady-State Mean Estimation Problem	David Fernando Muñoz	

Time	CS6 - Big Data in Medicine	Chair: Dora Zhang	
14:00 - 14:25	Genome-wide eQTL Analysis and Hotspot Detection in Genetical Genomics Studies	Chen-Hung Kao	CPD3.22
14:25 - 14:50	Patient Stratification by Integrating Clinical and Genomic Data from Genome-wide Association Studies: A multi-view Clustering Approach	Hon-Cheong So	
14:50 - 15:15	Interpreting Multi-Omics Data through Advancing Statistical Analysis, Parallel Computing, and Information Integration	Wenchao Zhang	
15:15 - 15:40	A Clusterwise Multiblock Regression Method	Gilbert Saporta	

15:40 - 16:10	Coffee Break	CPD-3/F

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Parallel Sessions - 4 December 2019 (Wednesday)

Time	IS5 - Complex Bayesian Models and EM Algorithm (Organizer: Jaeyong Lee)	Chair: Jaeyong Lee	CPD3.15
16:10 - 16:35	A Variational Inference for the Lévy Daptive Regression with Multiple Kernels	Seongil Jo	
16:35 - 17:00	Minimax Posterior Convergence Rates and Model Selection Consistency in High-dimensional Cholesky FactorsDAG Models Based on Sparse	Kyoungjae Lee	
17:00 - 17:25	New EM-type Algorithms for the Heckman Selection Model	Jun Zhao	

Time	IS12 - Recent Statistical Development for Analysing Big Genomic Data (Organizer: Zhonghua Liu)	Chair: Zhonghua Liu	CPD3.16
16:10 - 16:35	scRMD: Imputation for single cell RNA-seq data via robust matrix decomposition	Ruibin Xi	
16:35 - 17:00	Developing Statistical Workflows for Massive Transcriptome Sequencing Data Analysis	Yuichi Shiraishi	
17:00 - 17:25	On the Proper Use of PCA in Genetic Association Studies	Zhonghua Liu	

Time	IS25 - Recent Advances in Post-model-selection Inference (Organizer: Stephen Lee)	Chair: Stephen Lee	CPD3.29
16:10 - 16:35	High-dimensional Local Linear Regression under Sparsity and Convex Losses	Kin Yap Cheung	
16:35 - 17:00	Post-selection Least Squares Estimation and Inference for High-dimensional Nonconvex Penalised Regression	Xiaoya Xu	
17:00 - 17:25	A General Framework of Post-model Selection Inference and Its Bootstrap	Xialin Sun	

Time	CS7 - Statistics in AI	Chair: Ke Zhu	CPD3.22
16:10 - 16:35	Toward Pragmatical Analysis on Cyber Attack Classification	Hiroyuki Minami	
16:35 - 17:00	Simulated Annealing-Backpropagation Algorithm on Parallel Trained Maxout Networks (SABPMAX) in Detecting Credit Card	Sheila Mae D. Golingay	
17:00 - 17:25	A HAR-type Dynamic Model for High Dimensional Covariance Matrix Forecasting	Xiaohang Wang	
17:25 - 17:50	Applications in Handling Class-imbalanced Data	Elizabeth P. Chou	

18:30 - 21:30	Conference Dinner	Regal Hongkong Hotel

RHT	Rayson Huang Theatre, HKU (near Run Run Shaw Building)
CPD	Centennial Campus, HKU
WGW Theatre	Wang Gungwu Theatre, Graduate House
Rome Café	Level P3, Graduate House, The University of Hong Kong
Regal Hongkong Hotel	88 Yee Wo Street, Causeway Bay, Hong Kong

IASC-ARS 2019

Parallel Sessions - 5 December 2019 (Thursday)

09:00 - 09:20	Conference Registration		RHT Foyer
09:20 - 10:05	**Keynote Talk - Qiwen Yao** Multiple Forecasting based on Time Series PCA	**Chair: Jeff J.F. Yao**	RHT

10:05 - 10:35	Coffee Break	RHT Foyer

Time	**IS3 - Financial Econometrics on Complex Data (Organizer: Shih-Feng Huang)**	**Chair: Shih-Feng Huang**	
10:35 - 11:00	Statistical Learning for Personalized Wealth Management	Yi Ding	**CPD3.21**
11:00 - 11:25	Deep-Learning Solution to Portfolio Selection with Serially-Dependent Returns	Hoi Ying Wong	
11:25 - 11:50	Modeling Financial Interval Time Series with Application to New Investment Strategy	Liang-Ching Lin	
11:50 - 12:15	Stock Market Trend Prediction Using Functional Time Series Approach	Shih-Feng Huang	

Time	**IS38 - Advanced Statistical Methods for Complex Data (Organizer: Donguk Kim)**	**Chair: Donguk Kim**	
10:35 - 11:00	A Calibrated Bootstrap Method for Binary Outcomes	Young Min Kim	**CPD3.22**
11:00 - 11:25	Semiparametric Multiple Imputation With Empirical Likelihood	Kosuke Morikawa	
11:25 - 11:50	Data Integration with Fractional Hot Deck Imputation	Jongho Im	
11:50 - 12:15	Series Approximations for Value-At-Risk	Hyung-Tae Ha	

Time	**IS17 - Count Big Data (Organizer: Erniel Barrios)**	**Chair: Erniel Barrios**	
10:35 - 11:00	Linkage Between Incidence of Tuberculosis, Health Expenditure and the Macroeconomy: Insights from Cross-country Data	Paolo Victor Tamoro Redondo	**CDP3.29**
11:00 - 11:25	Nonparametric Test for Intervention Effect on Time Series Count Data	Marcus Jude P. San Pedro	
11:25 - 11:50	Bayesian False Discovery Rate with applications to sparse protein domain data	Iris Ivy Mirales Gauran	

Time	**IS4 - Advanced Experimental Design and Analysis (Organizer: Ray-Bing Chen)**	**Chair: Ray-Bing Chen**	
10:35 - 11:00	Optimal Designs for Functional Data Analysis	Ming-Hung (Jason) Kao	**RHT**
11:00 - 11:25	Simultaneous Selection of Designs and Models for Optimal Forecasting in Possibly Misspecified Polynomial Regressions	Hsiang-Ling Hsu	
11:25 - 11:50	Data-driven Multistratum Designs with the Generalized Bayesian D-D Criterion for Highly Uncertain Models	Chang-Yun Lin	

12:15 - 13:00	General Assembly and Closing Ceremony	RHT
13:00 - 14:30	Lunch	Rome Café (HKU)

RHT Rayson Huang Theatre, HKU (near Run Run Shaw Building)

CPD Centennial Campus, HKU

Rome Café Level P3, Graduate House, The University of Hong Kong