



2023

首届全国统计与数据科学联合会议

JOINT CONFERENCE ON STATISTICS AND DATA SCIENCE IN CHINA

# 日程安排

## Program

北京会议中心 2023年7月10日-7月13日

Beijing Conference Center July 10-July 13, 2023

(Jun 29, 2023)

## **2023年7月8日-2023年7月10日，星期六-星期一 (Saturday, 8 July, 2023) - (Monday, 10 July, 2023)**

8:30-17:30 JCSDS系列短课暨北大统计科学中心2023年暑期学校 (Short Course of JCSDS 2023 & PKU Stat-Center Summer School)

Science Building, Room No.207, PKU

## **2023年7月10日，星期一 (Monday, 10 July, 2023)**

14:00-21:00 报到及入住 (Registration) Hall, No. 9 Building

14:00-17:30 华为挑战难题研讨会 (Workshop for Huawei's Technical Challenge) Meeting Room No.3  
报名链接: <https://www.wjx.cn/vm/Obcwnnk.aspx#>

## **2023年7月11日，星期二 (Tuesday, 11 July, 2023)**

8:30-9:00 开幕式 (Opening Ceremony)

9:00-9:50 Plenary Talk 1: 徐宗本, 西安交通大学 (Zongben Xu, Xi'an Jiaotong University) Conference Building Auditorium

9:50-10:40 Plenary Talk 2: Peter Bühlmann, 苏黎世联邦理工学院 (ETH Zürich) Conference Building Auditorium

10:40-11:00 茶歇 (Conference Break)

11:00-12:30 人工智能时代的统计与数据科学论坛 (Statistics and Data Science Forum) Conference Building Auditorium

11:00-12:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.1	Invited Session 1: Causal Inference and its credibility. Organizer: 林华珍					
	Speaker	Wei Chen	陈薇	University of Chinese Academy of Sciences	中国科学院大学	Convergence and Implicit Regularization of Deep Learning Optimizers
	Speaker	Peng Ding	丁鹏	University of California, Berkeley	加州大学伯克利分校	Covariate adjustment in multi-armed, possibly factorial experiments
	Speaker	Zhichao Jiang	蒋智超	Sun Yat-sen University	中山大学	An instrumental variable method for point processes
	Chair & Speaker	Wang Miao	苗旺	Peking University	北京大学	Introducing the specificity score: a measure of causality beyond P value
Meeting Room No.2	Invited Session 2: High-dimensional nonparametric statistical inferences. Organizer: 李启寨					
	Chair	Qizhan Li	李启寨	University of Chinese Academy of Sciences	中国科学院大学	
	Speaker	Xinghao Qiao	乔兴昊	London School of Economics and Political Science	伦敦政治经济学院	From sparse to dense functional data in high dimensions: revisiting phase transitions from a non-asymptotic perspective
	Speaker	Wenxin Zhou		University of California, Los Angeles	加州大学洛杉矶分校	Statistical Learning and Matching Markets
	Speaker	Shaojun Guo	郭绍俊	Renmin University of China	中国人民大学	A New Perspective on Empirical Likelihood-Based Inference for Nonparametric Regression: Robust Bias Correction and Wilks Phenomenon
	Speaker	Wei Pan		University of Minnesota	明尼苏达大学	Combining Mendelian randomization and network deconvolution for inference of causal networks with GWAS summary data
Meeting Room No.3	Invited Session 3: Sufficient dimension reduction and deep learning. Organizer: 朱利平					
	Chair	Liping Zhu	朱利平	Renmin University of China	中国人民大学	
	Speaker	Qian Lin	林乾	Tsinghua University	清华大学	Sliced Inverse Regression with large structural dimension
	Speaker	Wei Luo	骆威	Zhejiang University	浙江大学	A unified generalization of inverse regression via adaptive column selection
	Speaker	Tao Wang	王涛	Shanghai Jiao Tong University	上海交通大学	Factor augmented inverse regression and its application to microbiome data analysis
	Speaker	Zhou Yu	於州	East China Normal University	华东师范大学	神经网络遇见随机森林

## 11:00-12:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.5	Invited Session 4: Asymptotic theory in Probability and Statistics. Organizer: 邵启满					
	Chair	Xiao Fang	方笑	The Chinese University of Hong Kong	香港中文大学	
	Speaker	Lihu Xu	徐禮虎	University of Macau	澳门大学	A probability approximation framework with applications
	Speaker	Xiequan Fan	范协铨	Northeastern University at Qinhuangdao	东北大学秦皇岛分校	Cramer's moderate deviations for martingales with applications
	Speaker	Songhao Liu	刘松昊	Southern University of Science and Technology	南方科技大学	Cramér-type Moderate Deviation for Quadratic Forms with a Fast Rate
	Speaker	Zhuosong Zhang	张卓松	Southern University of Science and Technology	南方科技大学	Cramér-type moderate deviations for local dependent random variables
Meeting Room No.10	Invited Session 5: Statistical Learning. Organizer: 王兆军					
	Chair	Jian Huang	黄坚	The Hong Kong Polytechnic University	香港理工大学	
	Speaker	Xueqin Wang	王学钦	University of Science and Technology of China	中国科学技术大学	Metric Distribution Function
	Speaker	Deyu Meng	孟德宇	Xi'an Jiaotong University	西安交通大学	基于模拟学习方法论SLeM的元学习理论、算法与应用
	Speaker	Xingdong Feng	冯兴东	Shanghai University of Finance and Economics	上海财经大学	Deep Over-parameterized Quantile Regression
	Speaker	Guohao Shen	申国豪	The Hong Kong Polytechnic University	香港理工大学	DIFFERENTIABLE NEURAL NETWORKS WITH RePU ACTIVATION: WITH APPLICATIONS TO SCORE ESTIMATION AND ISOTONIC REGRESSION
Meeting Room No.11	Invited Session 6: Statistics for Social and Behavior Sciences. Organizer: 暴乐					
	Chair	Le Bao	暴乐	The Pennsylvania State University	宾夕法尼亚州立大学	
	Speaker	Yifan Jiang	江怡帆	The Pennsylvania State University	宾夕法尼亚州立大学	Causal structural learning for improving HIV testing and treatment access
	Speaker	Xiaoyue Niu	牛晓月	The Pennsylvania State University	宾夕法尼亚州立大学	Learning Network Properties without Network Data -- A Correlated Network Scale-up Model
	Speaker	Junni Zhang	张俊妮	Peking University	北京大学	婚姻状况变化率的贝叶斯估计与预测
	Speaker	Zhenke Wu	吴振科	University of Michigan	密歇根大学	Tree-Regularized Bayesian Latent Class Analysis for Improving Weakly Separated Dietary Pattern Subtyping in Small-Sized Subpopulations

**11:00-12:40**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.12	Invited Session 7: Statistical inference on multi-source heterogeneous data. Organizer: 唐年胜					
	Speaker	Yanlin Tang	唐炎林	East China Normal University	华东师范大学	Estimating Heterogeneous Treatment Effect at High Quantiles for Heavy-Tailed Distributions
	Speaker	Yin Xia	孙寅瑞	Fudan University	复旦大学	A Decorrelating and Debiasing Approach to Simultaneous Inference for High-Dimensional Confounded Models
	Speaker	Puying Zhao	赵普映	Yunnan University	云南大学	Augmented two-step estimating equations with nuisance functionals and complex survey data
	Chair & Speaker	Zhongyi Zhu	朱仲义	Fudan University	复旦大学	Unified distributed inference for a class of problems with nonsmooth loss
Meeting Room No.13	Invited Session on Interdisciplinary and Applied Research 1: Statistical Analysis on Medical Data and Models					
	Speaker	Xiuhua Guo	郭秀花	Capital Medical University	首都医科大学	基于眼底图像简历程糖尿病视网膜病变的诊断与预测模型
	Speaker	Yuru Zhu	朱玉茹	Peking University	北京大学	Estimating COVID-19 Vaccine Protection Rates via Dynamic Epidemic Models
	Speaker	Wenyi Tang	唐雯奕	The Affiliated Central Hospital of Chongqing University	重庆大学附属中心医院	Trends and characteristics of multiple births, premature births, and stillbirths in Shenzhen: A retrospective study over a decade
	Chair & Speaker	Phyllis Ju	鞠念桥	Purdue University	普渡大学	Infinite Latent Feature Models for Mixed Malaria Infections
Meeting Room No.15	Contributed Session 1					
	Speaker	Shanqi Pang	庞善起	Henan Normal University	河南师范大学	由正交表构造的量子纠缠态
	Speaker	Ao Sun	孙傲	Xiamen university	厦门大学	Set Selection of the Number of Change-points with Confidence
	Speaker	Houlin Zhou	周厚林	Anhui University	安徽大学	Change-point estimation via feedforward neural networks with theoretical guarantee
	Speaker	Dan Zhuang	庄丹	Fujian Normal University	福建师范大学	A shape-based multiple segmentation algorithm for change-point detection
	Speaker	Haotian Xu		Penn State University	宾夕法尼亚州立大学	Online network change point detection with missing values and temporal dependence
	Chair & Speaker	Liyan Xie	谢李岩	The Chinese University of Hong Kong, Shenzhen	香港中文大学 (深圳)	A New Window-Limited CUSUM Procedure for Online Change Detection and its Data-Driven Robust Variant

**11:00-12:40**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.16	Contributed Session 2					
	Speaker	Ran Zhao	赵冉	Shandong University	山东大学	Iterative Least Squares Algorithm for Large-dimensional Matrix Factor Model by Random Projection
	Speaker	Zhaorui Dong	董昭锐	The Chinese University of Hong Kong, Shenzhen	香港中文大学(深圳)	Necessary and sufficient conditions for the Marcenko-Pastur law for sample correlation matrices
	Speaker	Junchen Li	黎俊臣	Chongqing Technology and Business University	重庆工商大学	矩阵型因子模型稳健性估计在动态人口流动网络数据中的应用
	Speaker	Li Shi	石立	Guangzhou Huashang College	广州华商学院	因子分析最小误差模型及其检验与应用
	Speaker	Yalin Wang	王亚霖	Shandong University	山东大学	Matrix Kendall's tau in High-dimensions: A Robust Statistic for Matrix Factor Model
	Chair & Speaker	Jiangtao Duan	段江涛	Xidian University	西安电子科技大学	Quasi-maximum likelihood estimation of break point in high-dimensional factor models
Meeting Room No.18	Contributed Session 3					
	Speaker	Shengbin Zhou	周生彬	Lingnan Normal University	岭南师范学院	Doubly Sparsity High-dimensional Quantile Regression Incorporating Graphical Structure of Predictors
	Speaker	Zhen Zeng	曾珍	Nanjing University Of Finance & Economics	南京财经大学	Pursuing homogeneity and sparsity in simultaneous quantile regression
	Speaker	Ye Fan	范焯	Capital University of Economics and Business	首都经济贸易大学	Distributed quantile regression for longitudinal big data
	Speaker	Lingnan Tai	邝凌楠	The Open University Of China	国家开放大学	Bayesian Inference of Sample Selection Using Quantile Selection Model
	Speaker	Chunbai Tao	陶春柏	Beihang University	北京航空航天大学	Online Updating Huber Robust Regression for Big Data Streams
	Chair & Speaker	Jianhua Zhao	赵建华	Yunnan University of Finance and Economics	云南财经大学	Robust Bilinear Probabilistic PCA using a Matrix Variate t distribution

**12:30-13:45**

联合会议指导委员会午餐会

## 14:00-15:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.1	Invited Session 8: Inference and Optimization in High-dimension Statistical Learning. Organizer: 崔恒建					
	Chair	Hengjian Cui	崔恒建	Capital Normal University	首都师范大学	
	Speaker	Lingchen Kong	孔令臣	Beijing Jiaotong University	北京交通大学	Privacy preserving decentralized learning
	Speaker	Yong He	何勇	Shandong University	山东大学	Huber Principal Component Analysis for Large-dimensional Factor Models
	Speaker	Xu Guo	郭旭	Beijing Normal University	北京师范大学	Score function-based tests for ultrahigh-dimensional linear models
	Speaker	Jing Zhang	张婧	Zhongnan University Of Econormics and Law	中南财经政法大学	Model-free screening procedure for ultrahigh-dimensional survival data based on Hilbert-Schmidt independence criterion
Meeting Room No.2	Invited Session 9: Statistical Inference for Functional/Longitudinal Data. Organizer: 杨立坚					
	Speaker	Shujie Ma	马舒洁	University of California, Riverside	加利福尼亚大学河滨分校	Individualized online policy optimization for functional data
	Speaker	Kejun He		Renmin University of China	中国人民大学	Exponential-Family Principal Component Analysis of Two-Dimensional Functional Data with Serial Correlation
	Speaker	Yongzhen Feng	冯永真	Tsinghua University	清华大学	Testing Linearity in Semi-Functional Partially Linear Regression Models
	Chair & Speaker	Weichi Wu	吴未迟	Tsinghua University	清华大学	Estimation and inference of change points in locally stationary functional time series
Meeting Room No.3	Invited Session 10: Statistics for Precision Health. Organizer: Xuming He					
	Chair	Xinzhou Guo	郭心舟	Hong Kong University of Science and Technology	香港科技大学	
	Speaker	Annie Qu		University of California,Irvine	加利福尼亚大学尔湾分校	Optimal Individualized Treatment Rule For Combination Treatments Under Budget Constraints
	Speaker	Yanqing Zhang	张艳青	Yunan University	云南大学	Differentially Private Data Release for Mixed-type Data via Latent Factor Models
	Speaker	Feifang Hu	胡飞芳	George Washington University	乔治·华盛顿大学	Adaptive Designs and Precision Medicine
	Speaker	Hongjian Zhu	朱宏建	AbbVie	艾伯维	Seamless Phase II/III Clinical Trials with Covariate Adaptive Randomization

## 14:00-15:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.5	Invited Session 11: Deep Learning Related Statistical Theory. Organizer: 王汉生					
	Chair	Haobo Qi	亓颢博	Peking university	北京大学	
	Speaker	Yuling Jiao	焦雨领	Wuhan University	武汉大学	Deep Nonparametric Estimation: Approximation, Generalization, and Overparameterization
	Speaker	Yingqiu Zhu	朱映秋	University of International Business and Economics	对外经济贸易大学	A Sequential Addressing Subsampling Method for Massive Data Analysis under Memory Constraint
	Speaker	Wei Lin	林伟	Peking university	北京大学	Nonasymptotic theory for two-layer neural networks: Beyond the bias-variance trade-off
	Speaker	Yuan Gao	高原	East China Normal University	华东师范大学	Grid Point Approximation for Distributed Nonparametric Smoothing and Prediction
Meeting Room No.10	Invited Session 12: Semi-supervised /Other Statistical Learning. Organizer: 周勇					
	Chair	Xuening Zhu	朱雪宁	Fudan University	复旦大学	
	Speaker	Shanshan Song	宋珊珊	The Chinese University of Hong Kong	香港中文大学	A general M-estimation theory in semi-supervised framework
	Speaker	Shuyi Zhang	张澍一	East China Normal University	华东师范大学	Semiparametric inference for quantile regression in imbalanced semi-supervised distributed system
	Speaker	Xuerong Chen	陈雪蓉	Southwestern University of Finance and Economics	西南财经大学	Renewable Quantile Regression with Heterogeneous Streaming Datasets
	Speaker	Siming Zheng	郑思明	The Chinese University of Hong Kong	香港中文大学	Deep Sufficient Representation Learning via Mutual Information". And the abstract is attached below
Meeting Room No.11	Invited Session 13: Random matrix theory and its applications in big data analysis. Organizer: Yingying Fan					
	Chair	Yingying Fan		University of Southern California	南加州大学	
	Speaker	Han Xiao	韩潇	University of Science and Technology of China	中国科学技术大学	Individual-centered partial information in social networks
	Speaker	Qing Yang	杨青	University of Science and Technology of China	中国科学技术大学	Estimating the Number of Communities with Individual-centered Partial Information
	Speaker	Fan Yang	杨帆	Tsinghua University	清华大学	SIMPLE-RC: Group Network Inference with Non-Sharp Nulls and Weak Signals
	Speaker	Yukun He	何煜坤	City University of Hong kong	香港城市大学	Spectral gap and edge universality of dense random regular graphs



## 14:00-15:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.12	Invited Session 14: Statistical Inference in Complex Data Analysis. Organizer: Huixia Judy Wang					
	Chair	Yanlin Tang	唐炎林	East China Normal University	华东师范大学	
	Speaker	Yingchun Zhou	周迎春	East China Normal University	华东师范大学	Causal Mediation Analysis with a Three-Dimensional Image Mediator
	Speaker	Wensheng Zhu	朱文圣	Northeast Normal University	东北师范大学	Robust Covariate Balancing Method in Learning Optimal Individualized Treatment Regimes
	Speaker	Yingying Zhang	章迎莹	East China Normal University	华东师范大学	An efficient tensor regression for high-dimensional data
	Speaker	Yuehan Yang	杨玥含	Central University of Finance and Economics	中央财经大学	Randomization-based joint central limit theorem and efficient covariate adjustment in stratified 2^K factorial experiments
Meeting Room No.13	Invited Session on Interdisciplinary and Applied Research 2: Statistical Applications in Interdisciplinary Research					
	Speaker	Shengchang Xiang	相生昌	CNKI	中国知网	面向统计行业的数据管理不大数据应用实践
	Speaker	Hui Huang	黄辉	Sun Yat-sen University	中山大学	Efficient Calibration of Numerical Model Outputs
	Speaker	Lei Shi	石磊	Yunnan University of Finance and Economics	云南财经大学	基于人类行为实验的统计交叉科学研究
	Chair & Speaker	Xing Wang	王星	Renmin University of China	中国人民大学	去粗取精：法庭科学中的微量物证数据统计有效性鉴定
Meeting Room No.15	Contributed Session 4					
	Speaker	Yurui Huang	黄煜锐	Southern University of Science and Technology	南方科技大学	Practical operation and theoretical basis of difference-in-difference regression in science of science: The comparative trial on the scientific performance of Nobel laureates versus their coauthors
	Speaker	Qiuting Li	李秋葶	Inner Mongolia University of Finance and Economics	内蒙古财经大学	中国养老保障体系平衡机制：制度目标和参量调整
	Speaker	Chen Qian		Virginia Tech	弗吉尼亚理工大学	A Stochastic Jump-process Driving Dynamic Model with Application to Traffic Safety
	Speaker	Hanqin Wu	吴汉钦	Hubei University Of Education	湖北第二师范学院	无人驾驶汽车的市场调研
	Speaker	Lei Zhang	张磊	Hubei University Of Education	湖北第二师范学院	绿色GDP发展战略规划
	Chair & Speaker	Jiaye Xu	徐嘉烨	Nankai University	南开大学	司法鉴定中的法庭统计学——证据评价方法与鉴定意见表述

## 14:00-15:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.16	Contributed Session 5					
	Speaker	Qixiao Zhu	朱琪潇	Northwestern Polytechnical University	西北工业大学	分段非对称系统的随机共振及其在变转速旋转机械故障诊断中的应用
	Speaker	Hongyu Lai	赖泓宇	Fudan University	复旦大学	Early identification of 6- to 8-year-old children at risk of developing myopia: a comparison of machine learning and statistical approaches
	Speaker	Tenglong Li	李腾龙	Xi'an Jiaotong-liverpool University	西交利物浦大学	The integrated approach of learning Mycobacterium tuberculosis transmission within and outside households via random directed graph models
	Speaker	Jingbin Xu	徐婧彬	Virginia Tech	弗吉尼亚理工大学	An embedding based kernel test: Does eyegance matters prior to lane change?
	Speaker	Chengfeng Zhang	张成凤	Southern Medical University	南方医科大学	基于时间尺度指标建立个体生存时间的动态预测模型——应用到原发性胆汁肝硬化疾病进展研究
	Chair & Speaker	Anxin Wang	王安心	Beijing Tiantan Hospital, Capital Medical University	首都医科大学附属北京天坛医院	肾功能对急性小卒中或短暂性脑缺血发作患者中替格瑞洛联合阿司匹林及氯吡格雷联合阿司匹林的疗效及安全性影响
Meeting Room No.18	Contributed Session 6					
	Speaker	Hailin Sang		University of Mississippi	密西西比大学	Error analysis of generative adversarial network
	Chair & Speaker	Yifan Sun	孙怡帆	Renmin University of China	中国人民大学	Clustered Federated Learning based on Nonconvex Pairwise Fusion
	Speaker	Yuchao Cai	蔡宇超	Renmin University of China	中国人民大学	Extrapolated Random Tree for Regression
	Speaker	Muyi Li	李木易	Xiamen University	厦门大学	Forecasting High Dimensional Long Memory Time Series based on Memory augmented Gated Recurrent Unit
	Speaker	Yang Sui	隋阳	shanghai university of finance and economics	上海财经大学	Adversarial Learning of Distributional Reinforcement Learning
	Speaker	Tao Tan	谭涛	East China Normal University	华东师范大学	Improved Efficiency in Semiparametric Estimation for two-sample comparison in Semi-Supervised Learning Framework

## 15:40-16:00

茶歇 (Conference Break)

## 16:00-17:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.1	Invited Session 15: Recent advance in statistical inference on high-dimensional data and applications. Organizer: 李润泽					
	Chair	Xiaoyue Niu	牛晓月	Penn State University	宾夕法尼亚州立大学	
	Speaker	Le Bao	暴乐	Penn State University	宾夕法尼亚州立大学	Mapping the Marginalized Groups with Presence-Only Data
	Speaker	Ethan Fang		Duke University	杜克大学	Lagrangian Inference for Ranking Problems
	Speaker	Xiufan Yu		University of Notre Dame	圣母大学	Multiple-Splitting Projection Test for High-Dimensional Mean Vectors
	Speaker	Runze Li	李润泽	Penn State University	宾夕法尼亚州立大学	Model-Free Conditional Feature Screening with FDR Control
Meeting Room No.2	Invited Session 16: Large dimensional random matrix and its applications. Organizer: 郑术蓉					
	Chair	Xiucui Ding	丁秀才	University of California Davis	加州大学戴维斯分校	
	Speaker	Jianfeng Yao	姚建峰	The Chinese University of Hong Kong	香港中文大学	Limiting distributions for eigenvalues of sample correlation matrices from heavy-tailed populations
	Speaker	Guangming Pan	潘光明	Nanyang Technological University	南洋理工大学	Asymptotics of the spiked eigenvalues of large signal plus noise matrices.
	Speaker	Jiang Hu	胡江	Northeast Normal University	东北师范大学	Sampling without replacement from a high dimensional finite population
	Speaker	Yiming Liu	刘一鸣	Jinan University	暨南大学	Clustering high-dimensional data: a mean-covariance-based approach on the asymptotic properties of the centered and noncentered large dimensional signal-plus-noise models with their applications.
Meeting Room No.3	Invited Session 17: Recent advances in statistical machine learning. Organizer: 金加顺					
	Chair	Jiashun Jin	金加顺	Carnegie Mellon University	卡内基梅隆大学	
	Speaker	Wang Jingli	王景丽	Nankai University	南开大学	Community detection for weighted bipartite networks
	Speaker	Tracy Ke	柯峥	Harvard University	哈佛大学	Estimation of the number of spiked eigenvalues in a covariance matrix by bulk eigenvalue matching analysis
	Speaker	Alon Kipnis		Reichman University	赖希曼大学	Separating the Human Touch from AI-Generated Text using Higher Criticism
	Speaker	Rajarshi Mukerjee		Harvard University	哈佛大学	On PC Adjustments for High Dimensional Association Studies

**16:00-17:40**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.5	Invited Session 18: Complex Time Series Analysis. Organizer: 姚琦伟					
	Speaker	Guodong Li	李国栋	University of Hong Kong	香港大学	An efficient tensor regression for high-dimensional data
	Chair & Speaker	Xiaofeng Shao		University of Illinois Urbana-Champaign	伊利诺伊大学厄巴纳-香槟分校	Dimension agnostic change point detection
	Speaker	Binyan Jiang	蒋滨雁	The Hong Kong Polytechnic University	香港理工大学	A Two-Way Heterogeneity Model For Dynamic Networks
	Speaker	Bo Zhang	张博	University of Science and Technology of China	中国科学技术大学	Factor Modelling for Clustering High-dimensional Time Series
Meeting Room No.10	Invited Session 19: Statistical methods and their applications in economics and finance. Organizer: 李鲲鹏					
	Chair	Qi Li		Texas A&M Univeristy	德克萨斯农工大学	
	Speaker	Kunpeng Li	李鲲鹏	Capital University of Economics and Business	首都经济贸易大学	Control interactive fixed effects with diversified projections
	Speaker	Fuwei Jiang	姜富伟	Central University of Finance and Economics	中央财经大学	Are Bond Returns Predictable with Real-Time Macro Data?
	Speaker	Xi Qu	瞿茜	Shanghai Jiao Tong University	上海交通大学	Estimating Social Network Models with Missing Links
	Speaker	Cheng Liu	刘成	Wuhan University	武汉大学	A multi-step approach for integrated covariance matrix estimation with high-frequency data
Meeting Room No.11	Invited Session 20: Recent Advances in Functional/Object Data Analysis. Organizer: 姚方					
	Chair	Fang Yao	姚方	Peking university	北京大学	
	Speaker	Raymond K.W. Wong		Texas A&M Univeristy	德克萨斯农工大学	Flexible Functional Treatment Effect Estimation
	Speaker	Kehui Chen		University of Pittsburgh	匹兹堡大学	Interpoint-Ranking Sign Covariance for Test of Independence
	Speaker	Zhenhua Lin	林振华	National University of Singapore	新加坡国立大学	Causal Inference on Distribution Functions
	Speaker	Hang Zhou	周航	University of California Davis	加利福尼亚大学戴维斯分校	Theory of functional principal components analysis for noisy and discretely observed data

## 16:00-17:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.12	Invited Session 21: Change-points Detection. Organizer: 邹长亮					
	Chair	Changliang Zou	邹长亮	Nankai University	南开大学	
	Speaker	Baisuo Jin	金百锁	University of Science and Technology of China	中国科学技术大学	Change-point detection in a high-dimensional multinomial sequence based on mutual information
	Speaker	Jingyuan Liu	刘婧媛	Xiamen University	厦门大学	A Generalized Knockoff Procedure for FDR Control in Structural Change Detection
	Speaker	Guanghai Wang	王光辉	East China Normal University	华东师范大学	Computationally efficient and data-adaptive changepoint inference in high dimension
	Speaker	Feiyu Jiang	蒋斐宇	Fudan University	复旦大学	Two-Sample and Change-Point Inference for Non-Euclidean Valued Time Series
Meeting Room No.13	Invited Session on Interdisciplinary and Applied Research 3: Statistical Models in Bioinformatics					
	Speaker	Junjie Tang	唐俊杰	Peking university	北京大学	Estimating graphical models for count data with applications to single-cell gene network
	Chair & Speaker	Ruibin Xi	席瑞斌	Peking university	北京大学	Feature screening for clustering analysis with applications to single-cell RNA-seq data
	Speaker	Lin Hou	侯琳	Tsinghua University	清华大学	Improving cross-ancestry genetic prediction by leveraging portable genetic effects
	Speaker	Wei Zhao	赵维	Hunan Normal University	湖南师范大学	精神分裂症基于脑影像的功能网络分析: 寻找TMS潜在靶点
Meeting Room No.15	Contributed Session 7					
	Speaker	Yijiao Zhang	张一骄	Fudan University	复旦大学	Transfer Learning for High-dimensional Quantile Regression via Convolution Smoothing
	Chair & Speaker	Ting Tian	田婷	Sun Yat-sen University	中山大学	基于改进的嵌入物理的神经网络的海洋三维变量场反演
	Speaker	Qixian Zhong	钟齐先	Xiamen university	厦门大学	深度学习在部分线性分位数回归模型中的应用
	Speaker	Yaohua Rong	荣耀华	Beijing University of Technology	北京工业大学	Kernel Cox regression: building predictive models for multiple myeloma patients' survival
	Speaker	Kuang Zhou	周旷	Northwestern Polytechnical University	西北工业大学	Causal representation based on a GAE-embedded autoencoder for robust domain adaptation

**16:00-17:40**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.16	Contributed Session 8					
	Speaker	Ziyi Xu	徐紫怡	Peking University	北京大学	High-frequency Anticipatory Trading and Its Influences: Small Informed Trader vs. Front-runner
	Chair & Speaker	Zaichao Du	杜在超	Fudan University	复旦大学	Robust Backtests for Expected Shortfall
	Speaker	Chaoyi Zhao	赵朝熠	Peking University	北京大学	Breaking the Factor Zootopia: Factor Selection Using Significant Tests of Multi-Task Lasso
	Speaker	Haibin Zhu	朱海斌	Jinan University	暨南大学	Bias-corrected realized covariation in presence of price staleness
	Speaker	Jeffrey Chu		Renmin University of China	中国人民大学	Network transitions in the cryptocurrency market: Evidence from military conflict
Meeting Room No.18	Contributed Session 9					
	Speaker	Rongrong Fan	范蓉蓉	Xi'an Jiaotong University	西安交通大学	基于CARR-OVMD-GRU模型的原油期货价格波动性预测
	Chair & Speaker	Long Feng	冯龙	Nankai University	南开大学	Change Point Detection in Beta Process with High Frequency Data
	Speaker	Ermo Chen	陈尔默	Peking University	北京大学	Capital Allocation with Asset Risks: Amortization by Investable Assets
	Speaker	Yufan Chen	陈宇凡	Peking University	北京大学	When Do Models Make Money? A Path from Return Predictability to Profitability
	Speaker	Yuehao Dai	戴悦浩	Peking University	北京大学	Estimating market liquidity from daily data, marrying Micro structure models and machine learning
Speaker	Xuemei Hu	胡雪梅	Chongqing Technology and Business University	重庆工商大学	Group penalized multinomial logit models and stock return direction prediction	

**18:30-20:30**

伯努利学会青年学者Reception (Bernoulli Young Researcher Reception) Meeting Room No.3

**19:30-21:30**

北京大学统计科学中心Reception (Reception by Center for Statistical Science, Peking Univeristy) Summer Garden

**19:30-21:30**

巴山蜀水统计交流会 (Sichuan-Chongqing Statistical Dialogue) Summer Garden

## 2023年7月12日，星期三 (Wednesday, 12 July, 2023)

**8:30-9:20** Plenary Talk 3: 蔡天文, 宾夕法尼亚大学 (T. Tony Cai, University of Pennsylvania) Conference Building Auditorium

**9:20-10:10** Plenary Talk 4: 丁剑, 北京大学 (Jian Ding, Peking University) Conference Building Auditorium

**10:10-10:30** 茶歇 (Conference Break)

### 10:30-12:10

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.1	Invited Session 22: Biostatistics Meets Neural Network. Organizer: 李扬					
	Chair	Cunjie Lin	林存洁	Renmin University of China	中国人民大学	
	Speaker	Kuangnan Fang	方匡南	Xiamen University	厦门大学	Ordinal Deep Learning for Gene-Environment Interaction analysis
	Speaker	Chenjin Ma	马晨瑾	Beijing University of Technology	北京工业大学	Spatio-temporally Smoothed Deep Survival Neural Network
	Speaker	Yichen Qin		University of Cincinnati	美国辛辛那提大学	Iterative Connecting Probability Estimation for Networks
	Speaker	Mengyun Wu	吴梦云	Shanghai University of Finance and Economics	上海财经大学	Heterogeneous network estimation for single-cell transcriptomic data via neighborhood selection-based deep neural network
Meeting Room No.2	Invited Session 23: Recent advances in complex data analysis. Organizer: 常晋源					
	Chair	Jinyuan Chang	常晋源	Southwestern University of Finance and Economics	西南财经大学	
	Speaker	Zhao Ren		University of Pittsburgh	匹兹堡大学	Heteroskedastic Sparse PCA in High Dimensions
	Speaker	Chengyong Tang	汤琤咏	Temple University.	天普大学	Regression Analysis of Correlations for Correlated Data
	Speaker	Wenxin Zhou		University of California, San Diego	加州大学圣地亚哥分校	Some Recent Developments in Expected Shortfall Regression
	Speaker	Jing He	何婧	Southwestern University of Finance and Economics	西南财经大学	Statistical inferences for complex dependence of multimodal imaging data

**10:30-12:10**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.3	Invited Session 24: Deep Neural Network Models in Data Science. Organizer: 黄坚					
	Chair	Yuling Jiao	焦雨领	Wuhan University	武汉大学	
	Speaker	Guang Cheng	程光	Univ of California, Los Angeles	加州大学洛杉矶分校	Synthetic data generation using deep neural networks
	Speaker	Linglong Kong		University of Alberta	阿尔伯塔大学	Damped Anderson Mixing for Deep Reinforcement Learning: Acceleration, Convergence, and Stabilization
	Speaker	Weijie Su	苏炜杰	The Wharton School, The University of Pennsylvania	宾夕法尼亚大学沃顿商学院	Uncovering the Law of Data Separation in Deep Learning
	Speaker	Michael Yu Zhu		Purdue University	普渡大学	Recurrent Neural Networks with Mixed Hierarchical Structures and EM Algorithm for Natural Language Processing
Meeting Room No.5	Invited Session 25: Bayesian learning for precision matrix and graphical models. Organizer: 潘建新					
	Chair	Chuoxin Ma	马绰欣	BNU-HKBU United International College	北京师范大学-浸会大学联合国际学院	
	Speaker	Keming Yu		Brunel University	布鲁内尔大学	Bayesian Quantile Regression with Big Data and Chang-Point Detection
	Speaker	Peng Zheng		University of Manchester	曼彻斯特大学	The Normal-Beta Prime Shrinkage Prior for the Estimation of Large Precision Matrices
	Speaker	Chunyu Wang		University of Cambridge	剑桥大学	Modelling biomarker variability in joint analysis of longitudinal and time-to-event data
	Speaker	Jiaming Shen		Huawei	华为	Horseshoe prior for joint-mean covariance model in sparse high dimensional data
Meeting Room No.10	Invited Session 26: Statistical Learning for Complex Data. Organizer: 钟威					
	Chair	Wei Zhong	钟威	Xiamen University	厦门大学	
	Speaker	Zhanrui Cai		University of Hong Kong	香港大学	Adaptive False Discovery Rate Control with Privacy Guarantee
	Speaker	Yiyuan She		Florida State University	佛罗里达州立大学	Slow Kill for Big Data Learning
	Speaker	Weixin Yao		University of California-Riverside	加利福尼亚河滨分校	New Regression Model: Modal Regression
	Speaker	Anru Zhang	张安如	Duke University	杜克大学	Tensor Learning in 2020s: Methodology, Theory, and Biomedical Applications



**10:30-12:10**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.11	Invited Session 27: Recent Advance in Dimension Reduction. Organizer: Linda Zhao					
	Chair	Linda Zhao		The Wharton School, The University of Pennsylvania	宾夕法尼亚大学沃顿商学院	
	Speaker	Dong Xia	夏冬	Hong Kong University of Science and Technology	香港科技大学	Optimal Clustering by Lloyd Algorithm for Low-Rank Mixture Model
	Speaker	Wu Zhu	祝武	Tsinghua University	清华大学	Rising Ownership Network in China
	Speaker	Dan Yang	杨丹	University of Hong Kong	香港大学	Network Regression and Supervised Centrality Estimation
	Speaker	Nan Zhang	张楠	Fudan University	复旦大学	A Joint Estimation Approach to Sparse Additive Ordinary Differential Equations
Meeting Room No.12	Invited Session 28: Non-Euclidean data analysis. Organizer: 王学钦					
	Chair	Xueqin Wang	王学钦	University of Science and Technology of China	中国科学技术大学	
	Speaker	Qiang Zhang	张强	Chengdu University	成都大学	Testing strict Stationarity of Complex Time Series
	Speaker	Wenliang Pan	潘文亮	University of Chinese Academy of Sciences	中国科学院大学	FPLS-DC: Functional partial least squares through distance covariance for imaging genomics
	Speaker	Ting Li	李挺	Hong Kong Polytechnic University	香港理工大学	Ball Impurity: Measuring Heterogeneity in General Metric Spaces
	Speaker	Roulin Wang	王柔琳	University of Science and Technology of China	中国科学技术大学	On asymptotic normality of a random-localized independence test
Meeting Room No.13	Invited Session on Interdisciplinary and Applied Research 4: Complex data modeling					
	Speaker	Wanjie Wang	王婉洁	National University of Singapore	新加坡国立大学	Temporal label recovery from noisy dynamical data
	Chair & Speaker	Zhangsheng Yu	俞章盛	Shanghai Jiao Tong University	上海交通大学	Deep survival prediction models and applications in cancer researches
	Speaker	Tianying Wang	王天颖	Tsinghua University	清华大学	A unified quantile framework reveals nonlinear heterogeneous transcriptome-wide associations
	Speaker	Zilin Li	李子林	Indiana University	印第安纳大学	STAARpipeline: an all-in-one rare-variant analysis tool for biobank-scale whole-genome sequencing data

**10:30-12:10**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.15	Contributed Session 10					
	Speaker	Jie Xia	夏杰	Central University of Finance and Economics	中央财经大学	China's Inflation Forecasting with Machine Learning Algorithms
	Chair & Speaker	Qiang Liu	刘强	Shanghai University of Finance and Economics	上海财经大学	Estimating spot volatility under infinite variation jumps with dependent market microstructure noise
	Speaker	Peng Guo	郭鹏	Peking University	北京大学	Optimal Execution subject to Reservation Strategies
	Speaker	Xiaomei Hu	胡晓梅	Suzhou University	宿州学院	数字经济对产业结构升级的影响研究
	Speaker	Liulei Sun	孙鑫磊	Peking University	北京大学	Copula-based multidimensional Markov process
	Speaker	Xinyi Wei	魏欣怡	Nanjing University of Posts and Telecommunications	南京邮电大学	数字经济参与国内大循环的机制和空间特征
Meeting Room No.16	Contributed Session 11					
	Speaker	Jie Ding	丁杰	Dalian University of Technology	大连理工大学	Fitting additive risk models using auxiliary information
	Chair & Speaker	Yi Niu	牛一	Dalian University of Technology	大连理工大学	Improving marginal hazard ratio estimation using quadratic inference functions
	Speaker	Mengyu Li	李梦雨	Dalian University of Technology	大连理工大学	Semiparametric model averaging method for survival probability predictions of patients
	Speaker	Xiaoyu Liu	刘晓玉	Jinan University	暨南大学	Mixture Cure Model with both Semiparametric Components for Interval-Censored Data
	Speaker	Linjie Qin	秦琳杰	Xiamen university	厦门大学	Degradation modeling and remaining useful lifetime prediction based on functional variance process
	Speaker	Jianbin Tan	谭键滨	Sun Yat-sen University	中山大学	图函数型时间序列的主成分分析 (Principal Component Analysis of Graphical-Functional Time Series)

**10:30-12:10**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.18	Contributed Session 12					
	Speaker	Yuexia Zhang		The University of Texas at San Antonio	德克萨斯大学圣安东尼奥分校	Inverse Probability Weighting-based Mediation Analysis for Microbiome Data
	Chair & Speaker	Shuying Sun		Texas State University	德克萨斯州立大学	Statistical and Bioinformatic Analysis of Breast Cancer Methylation Patterns
	Speaker	Ruitian Gao	高瑞恬	Shanghai Jiao Tong University	上海交通大学	Gene spatial expression and prognosis prediction by integrated graph and image deep learning model based on HE slides of cancer
	Speaker	Shanjun Mao	毛善骏	Hunan University	湖南大学	Bayesian Inference of Gene Expression Dynamics in Alzheimer Brains
	Speaker	Tao Sun	孙韬	Renmin University of China	中国人民大学	Neural Network on Interval Censored Data with Application to the Prediction of Alzheimer's Disease
	Speaker	Xinpei Wang	王鑫培	Peking University	北京大学	Proteome-wide Mendelian Randomization Analysis Identified Potential Drug Targets for Atrial Fibrillation

## 14:00-15:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.1	Invited Session 29: Recent advances in distributed statistical learning. Organizer: 刘卫东					
	Chair	Weidong Liu	刘卫东	Shanghai Jiao Tong University	上海交通大学	
	Speaker	Heng Lian	练恒	City University of Hong kong	香港城市大学	Distributed Learning of Conditional Quantiles in the Reproducing Kernel Hilbert Space
	Speaker	Yichen Zhang		Purdue University	普渡大学	Distributed Estimation and Inference for Semi-parametric Binary Response Models
	Speaker	Luo Luo		Fudan University	复旦大学	Decentralized Strongly Convex Optimization with Less Local First-Order Oracle Complexity
	Speaker	Xiaojun Mao	毛晓军	Shanghai Jiao Tong University	上海交通大学	Distributed Semi-Supervised Sparse Statistical Inference
Meeting Room No.2	Invited Session 30: Non-probability sampling. Organizer: 米子川					
	Chair	Zichuan Mi	米子川	Shanxi University of Finance and Economics	山西财经大学	
	Speaker	Xiaoning Wang	王小宁	Communication University of China	中国传媒大学	Data Integration by Combing Non-probability Data and Big Observational Data for Finite Population Inference
	Speaker	Guanghui Chen	陈光慧	Jinan University	暨南大学	Indirect Sampling Design and Estimation Method Based On Dual Sampling Frame
	Speaker	Yi Li	李毅	Shanxi University of Finance and Economics	山西财经大学	Non-Probability Samples Fusion Inference Based On Bayesian Framework
	Speaker	Zhan Liu	刘展	Hubei University	湖北大学	Investigating an Alternative for Estimation from a Nonprobability Sample: Matching plus Calibration
Meeting Room No.3	Invited Session 31: Statistical Modeling for Complex Networks. Organizer: 朱冀					
	Chair	Ji Zhu	朱冀	University of Michigan, Ann Arbor	密歇根大学安娜堡分校	
	Speaker	Binghui Liu	刘秉辉	Northeast Normal University	东北师范大学	Community Detection of Discrete-time Temporal Networks under Dynamic Stochastic Block Models
	Speaker	Long Yu		Shanghai University of Finance and Economics	上海财经大学	Shrinkage Estimation for Large-dimensional Factor Model with an Observed Variable Network
	Speaker	Emma Zhang		Emory University	艾默理大学	Estimating cell-type-specific gene co-expression networks from bulk gene expression data
	Speaker	Xuening Zhu	朱雪宁	Fudan University	复旦大学	Matrix-valued Network Autoregression Model with Latent Group Structure

## 14:00-15:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.5	Invited Session 32: Recent advances in machine learning and high-dimensional statistics. Organizer: T.Tony Cai					
	Chair	T.Tony Cai	蔡天文	The Wharton School, The University of Pennsylvania	宾夕法尼亚大学沃顿商学院	
	Speaker	Hongzhe Li	李洪哲	University of Pennsylvania	宾夕法尼亚大学	Estimation and Inference with Summary Statistics and its Genetic Applications
	Speaker	Jason Klusowski		Princeton University	普林斯顿大学	Are Decision Trees as Powerful as Neural Networks?
	Speaker	Jonathan Niles-Weed		New York University	纽约大学	Learning Matchings, Maps, and Trajectories
	Speaker	Zijian Guo		Rutgers University	罗格斯大学	Robust Inference for Federated Meta-Learning
Meeting Room No.10	Invited Session 33: Statistical methods for cancer omics. Organizer: Jianfeng Yao					
	Chair	Jianfeng Yao	姚建峰	The Chinese University of Hong Kong Shenzhen	香港中文大学深圳	
	Speaker	Yuichi SHIRAIISHI		National Cancer Center Research Institute, Japan	日本国立癌症中心研究所	Large-Scale Analytical Platforms for Detecting Splicing-Associated Variants
	Speaker	Tianwei Yu	于天维	The Chinese University of Hong Kong Shenzhen	香港中文大学深圳	Feature Selection and Classification over the network with Missing Node Observations with Application in Cancer
	Speaker	Liang Ma		Chinese Academy of Science	中科院	Bayesian inference of Tumor Clonal Phylogeny from Single-cell DNA sequencing data
	Speaker	Jin Liu	刘瑾	The Chinese University of Hong Kong Shenzhen	香港中文大学深圳	Data integration in Spatial Transcriptomics
Meeting Room No.11	Invited Session 34: Machine Learning and Industrial Statistics. Organizer: 石坚					
	Chair	Qingpei Hu	胡庆培	University of Chinese Academy of Sciences	中国科学院大学	
	Speaker	Jianguo Wu	吴建国	Peking University	北京大学	Regularized Multi-output Gaussian Convolution Process with Domain Adaptation
	Speaker	Chen Zhang	张晨	Tsinghua University	清华大学	Thompson Sampling based Partially Observable Online Change Detection for Exponential Families
	Speaker	Fugee Tsung	宗福季	Hong Kong University of Science and Technology	香港科技大学	Harnessing Industrial Analytics and Intelligence for Digital Transformation
	Speaker	Xu He	何煦	University of Chinese Academy of Sciences	中国科学院大学	Lattice-based designs possessing quasi-optimal separation distance on all projections

## 14:00-15:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.12	Invited Session 35: 数据资产与数字经济统计测度相关问题研究. Organizer: 闫海琪					
	Chair	Haiqi Lv	闫海琪	National Bureau of Statistics	国家统计局	
	Speaker	Jingping Li	李静萍	Renmin University of China	中国人民大学	数据生产要素核算——关于理论与方法的若干讨论
	Speaker	Zhongwen Zhang	张钟文	Renmin University of China	中国人民大学	数据资产、数字经济与经济发展
	Speaker	Gang Peng	彭刚	Southwestern University of Finance and Economics	西南财经大学	SNA纳入数据核算的潜在影响与难点解析
	Speaker	Weiyang Ping	平卫英	Jiangxi University of Finance and Economics	江西财经大学	数据要素核算问题研究: 基本概念及供给使用核算
Meeting Room No.13	Invited Session on Interdisciplinary and Applied Research 5: Statistical analysis for medical data					
	Speaker	QiuHong Wei	韦秋宏	Chilieren's Hospital of Chongqing Medical University	重庆医科大学附属儿童医院	Early Identification of Autism Spectrum Disorder by Multi-instrument Fusion: A Clinically Applicable Machine Learning Approach
	Chair & Speaker	Zheng Chen	陈征	Southern Medical University	南方医科大学	Quantifying Measures of Treatment Effect on the Between-Group Difference in Competing Risks
	Speaker	Guogen Shan		University of Florida	佛罗里达大学	Dose change and statistical power in the Aducanumab trial
Meeting Room No.15	Contributed Session 13					
	Speaker	Xinyi Xu	许欣怡	Central University of Finance and Economics	中央财经大学	Joint triplet sampling enables structure-preserved dimension reduction in single-cell transcriptomic data
	Chair & Speaker	Cheng Meng	孟澄	Renmin University of China	中国人民大学	Importance Sparsification for Sinkhorn Algorithm with Application in Efficient Echocardiogram Analysis
	Speaker	Zeyu Yang	杨泽宇	Hunan Normal University	湖南师范大学	多基因风险评分与吸烟者大脑加速老化之间的关系
	Speaker	Chuchu Zheng	郑楚楚	Hunan Normal University	湖南师范大学	基于个体结构协变网络解决阿尔茨海默病的异质性
	Speaker	Lu Wang	王璐	Central South University	中南大学	High-dimensional Response Growth Curve Modeling for Longitudinal Neuroimaging Analysis

## 14:00-15:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.16	Contributed Session 14					
	Speaker	Jinzhou Li		Stanford university	斯坦福大学	Simultaneous false discovery proportion bounds via knockoffs and closed testing
	Chair & Speaker	Xia Chen	陈夏	Shaanxi Normal University	陕西师范大学	A novel approach of empirical likelihood with massive data
	Speaker	Yang Han		University of Manchester	曼彻斯特大学	Multiple-use calibration for infinite many future values and exact simultaneous tolerance intervals in linear regression
	Speaker	Jianxin Bi	毕建鑫	Xiamen university	厦门大学	Measuring and testing conditional dependence with high-dimensional conditioning variables
	Speaker	Baiyu Chen	陈柏昱	East China Normal University	华东师范大学	Intrinsic minimum average variance estimation for sufficient dimension reduction with symmetric positive definite matrices and beyond
	Speaker	Guorong Dai	戴国榕	Fudan University	复旦大学	Robust and Efficient Case-Control Studies with Contaminated Case Pools: A Unified M-Estimation Framework
Meeting Room No.18	Contributed Session 15					
	Speaker	Tianchen Gao	高天辰	Xiamen university	厦门大学	Community Detection in Temporal Citation Network via a Tensor-based Approach
	Chair & Speaker	Sisheng Liu	刘思晟	Hunan Normal University	湖南师范大学	Kernel regression for estimating regression function and its derivatives with unknown error correlations
	Speaker	Zhe Jiang	姜喆	Kunming University of Science and Technology	昆明理工大学	A Novel Hypothesis Testing Method of Skew-Normal Distribution Based on the Fourth-order Moment Property
	Speaker	Wenhui Li	李文慧	University of Science and Technology of China	中国科学技术大学	Factor-adjusted model averaging
	Speaker	Zhe Li	李哲	Fudan University	复旦大学	Consistent Selection of the Number of Groups in Panel Models via Sample-Splitting
Speaker	Zheyuan Li	李哲源	Henan University	河南大学	Automatic Search Intervals for the Smoothing Parameter in Penalized Splines	

## 15:40-16:00

茶歇 (Conference Break)

## 16:00-17:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.1	Invited Session 36: Econometric Modeling and Forecasting. Organizer: 范剑青					
	Chair	Weiguo Gao	高卫国	Fudan University	复旦大学	
	Speaker	Yuezhou Cai	蔡跃洲	Chinese Academy of Social Sciences	社科院	Mechanism Analysis and Impact Measurement of the Platform Economy's Social Welfare Effect: An Empirical Study based on the Questionnaire Survey of Merchants on MT Take-out Platform
	Speaker	Jinyuan Chang	常晋源	Southwestern University of Finance and Economics	西南财经大学	On the Modelling and Prediction of High-dimensional Functional Time Series
	Speaker	Pu Gong	龚朴	Huazhong University of Science and Technology	华中科技大学	High-dimensional Volatility matrix estimation using Generative Adversarial Networks (GAN) assisted Hybrid Monte Carlo (HMC) for high-frequency data
	Speaker	Zhongyu Wei	魏忠钰	Fudan University	复旦大学	Multi-modal Knowledge Discovery and Pre-training Cross Vision and Language
Meeting Room No.2	Invited Session 37: Statistical models in Finance. Organizer: 张瑞勋					
	Chair	Lan Wu	吴岚	Peking university	北京大学	
	Speaker	Lin Tan	谭琳	Tsinghua University	清华大学	How Can Robot Investment Assistant Help: Collecting Information or Providing Advice? Evidence from China
	Speaker	Jun Deng	邓军	University of International Business and Economics	对外经贸大学	Disclosing and Cooling-Off: An Analysis of Insider Trading Rules
	Speaker	Nan Chen	陈南	The Chinese University of Hong Kong	香港中文大学	A Two Time-Scale Evolutionary Game Theoretic Approach to Multi-Agent Learning
	Speaker	Lintong Wu	吴林桐	Peking university	北京大学	Spectral Volume Models: High-Frequency Periodicities in Intraday Trading Activities
Meeting Room No.3	Invited Session 38: Learning and Optimization. Organizer: 张志华					
	Chair	Zihua Zhang	张志华	Peking university	北京大学	
	Speaker	Xiaohui Liu	刘小惠	Jiangxi University of Finance and Economics	江西财经大学	Simple measures of uncertainty for model selection
	Speaker	Sai Li	李赛	Renmin University of China	中国人民大学	Learning invariant representations for algorithmic fairness and domain generalization with minimax optimality
	Speaker	Haishan Ye	叶海山	Xi'an Jiaotong University	西安交通大学	Eigencurve: Optimal Learning Rate Schedule for SGD on Quadratic Objectives with Skewed Hessian Spectrums
	Speaker	Jia Gu	顾嘉	Peking university	北京大学	Statistical Inference for Decentralized Federated Learning



## 16:00-17:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.5	Invited Session 39: Statistical Perspectives on Recent Advances in Machine Learning. Organizer: 苏炜杰					
	Chair	Weijie Su	苏炜杰	The Wharton School, The University of Pennsylvania	宾夕法尼亚大学沃顿商学院	
	Speaker	Ruoyu Sun		The Chinese University of Hong Kong Shenzhen	香港中文大学深圳	Overfitting and Generalization Theory of Adversarially Robust Neural Networks
	Speaker	Ruijia Wu	吴瑞佳	Shanghai Jiao Tong University	上海交通大学	Supervised Topic Modeling: Optimal Estimation and Statistical Inference
	Speaker	Linjun Zhang		Rutgers University	罗格斯大学	Estimation and Inference in High-Dimensional Generalized Linear Models with Knowledge Transfer
	Speaker	Haoyi Yang		The Pennsylvania State University	宾夕法尼亚州立大学	Theoretical Guarantees for Sparse Principal Component Analysis based on the Linear Manifold Approximation
Meeting Room No.10	Invited Session 40: Biostatistics. Organizer: 周晓华					
	Chair	Xiaohua Zhou	周晓华	Peking university	北京大学	
	Speaker	Jialiang Li		National University of Singapore	新加坡国立大学	A network approach to compute hypervolume under ROC manifold for multi-class biomarkers
	Speaker	Peng Liu		Iowa State University	爱荷华州立大学	Clustering approaches for microbiome data
	Speaker	Yijuan Hu		Emory University	埃默里大学	Integrative analysis of 16S marker-gene and shotgun metagenomic sequencing data improves efficiency of testing microbiome hypotheses
	Speaker	Ling Zhou		Southwestern University of Finance and Economics	西南财经大学	Identification of Prognostic and Predictive Subgroups for Clustered Survival Data
Meeting Room No.11	Invited Session 41: Biostatistics and Statistics, with related expertise. Organizer: Yong Chen					
	Speaker	Shu Yang		NC State University	北卡罗来纳州立大学	Test-Then-Pool: A uniformly valid inferential framework for data integration
	Chair & Speaker	Yumou Qiu		Iowa State University	爱荷华州立大学	Inference of Heterogeneous Treatment Effects Using Observational Data with High-Dimensional Covariates
	Speaker	Jiwei Zhao		University of Wisconsin-Madison	威斯康星大学麦迪逊分校	ELSA: Efficient Label Shift Adaptation through the Lens of Semiparametric Models
	Speaker	Kosuke, Morikawa		Osaka University	大阪大学	Semiparametric adaptive estimation under informative sampling

## 16:00-17:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.12	Invited Session 42: 统计之都专场. Organizer: 常象宇					
	Chair	Xiangyu Chang	常象宇	Xi'an Jiaotong University	西安交通大学	
	Speaker	Xiangyun Huang	黄湘云	Capital of Statistics	统计之都	预测朗格拉普岛核辐射强度的分布
	Speaker	Chunhua Tian	田春华	Capital of Statistics	统计之都	工业数据分析的实践与认识
	Speaker	Yuanyuan Zhang	张源源	Capital of Statistics	统计之都	GeoLake: Bringing Geospatial Support to Lakehouses
	Speaker	Wenyan Fu	付文艳	Capital of Statistics	统计之都	AI运动能否让你爱上运动-体育场景下AI应用探索
Meeting Room No.13	Invited Session on Interdisciplinary and Applied Research 6: Statical Models in Finance					
	Speaker	Jiahui Wu	吴嘉慧	Ningxia University	宁夏大学	对外贸易、FDI与中国绿色全要素生产率——基于空间计量模型的分析
	Chair & Speaker	Wei Sun		Purdue University	普渡大学	Distribution-free Contextual Dynamic Pricing
	Speaker	Haiqing Chen	陈海清	Nanjing University Of Finance & Economics	南京财经大学	基于稀疏自注意力transformer和多源数据融合的股票收益率预测模型
	Speaker	Yaqi Cao	曹雅琦	Minzu University of China	中央民族大学	Development and Evaluation of Risk Prediction Models Using Two-Phase Data via Post-stratification
Meeting Room No.15	Contributed Session 16					
	Speaker	Wenjing Liu	刘文静	University of Macau	澳门大学	Kernel Copula Density Estimation of Hellinger Correlation
	Chair & Speaker	Xiangbin Meng	孟祥斌	Northeast Normal University	东北师范大学	MSAEM Estimation for Multidimensional Four-Parameter Normal Ogive Models
	Speaker	Dan Pu	蒲丹	Southwestern University of Finance and Economics	西南财经大学	Generalized Two-Mode Latent Space Model
	Speaker	Caihong Qin	秦彩红	Shanghai University of Finance and Economics	上海财经大学	Functional Two-Sample Test based on Projection
	Speaker	Jianhua Shi	施建华	Minnan Normal University	闽南师范大学	Mean regression model for the zero-truncated Poisson distribution and its generalization
	Speaker	Jin Su	苏瑾	East China Normal University	华东师范大学	A Simple Divide-and-Conquer-based Distributed Method for the Accelerated Time Failure Model

## 16:00-17:40

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.16	Contributed Session 17					
	Speaker	Tianqi Sun	孙天琦	Shandong University	山东大学	Matrix-Variate Generalized Linear Model with Measurement Error
	Chair & Speaker	Di Wang	王迪	Shanghai Jiao Tong University	上海交通大学	最优速率的高维向量自回归模型稳健估计
	Speaker	Jingyi Zhang	张静怡	Tsinghua University	清华大学	An Optimal Transport Approach for Selecting a Representative Subsample with Application in Efficient Kernel Density Estimation
	Speaker	Yan Zhang	张妍	Xiamen university	厦门大学	A Dynamic Latent Space Model for Bipartite Networks with Nodal Attributes
	Speaker	Huiya Zhou	周慧雅	Renmin University of China	中国人民大学	Varying density coefficient model with density responses
	Speaker	Baishuai Zuo	左百帅	Qufu Normal University	曲阜师范大学	Doubly truncated expectation and variance of univariate generalized skew-elliptical distributions with applications
Meeting Room No.18	Contributed Session 18					
	Speaker	Jiahao Cao	曹家豪	Renmin University of China	中国人民大学	Spatial Linear Regression with Covariate Measurement Errors: Inference and Scalable Computation in a Functional Modeling Approach
	Chair & Speaker	Xiaofan Lin	林晓凡	East China Normal University	华东师范大学	An efficient PG-INLA algorithm for logistic item response models analysis
	Speaker	Xiaopeng Chen	陈晓鹏	Shantou University	汕头大学	分数CIR过程统计行为的数值模拟
	Speaker	Tianyi Huang	黄天意	Westlake University	西湖大学	High-dimensional Clustering onto Hamiltonian Cycle
	Speaker	Xiaoyan Li	李晓妍	Chongqing University	重庆大学	Relative error-based distributed estimation in growing dimension
	Speaker	Wenxuan Ma	马文萱	Renmin University of China	中国人民大学	Improving Uncertainty Quantification of Variance Networks by Tree-Structured Learning

## 2023年7月13日，星期四 (Thursday, 13 July, 2023)

8:30-10:10

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.1	Invited Session 43: Statistical Machine Learning: Methods and Theories					
	Speaker	Cunhui Zhang	张存惠	Rutgers University	罗格斯大学	High Dimensional Tensor CP Models
	Speaker	Yazhen Wang		University of Wisconsin-Madison	威斯康星大学麦迪逊分校	Reinforcement Learning via Nonparametric Smoothing in a Continuous-Time Stochastic Setting with Noisy Data
	Speaker	Ming Yuan		Columbia University	哥伦比亚大学	On the multiway PCA
	Chair & Speaker	Regina Liu		Rutgers University	罗格斯大学	Antipodal Reflection Depth (ARD) and Its Application to Nonparametric Outlier Detection in Multivariate and Functional Data
Meeting Room No.2	Invited Session 44: Several recent large-scale data sets collected by the speakers themselves. Organizer: 金加顺					
	Speaker	Lu Wang	王璐	University of Michigan	密歇根大学	Stochastic Tree Search for Estimating Optimal Dynamic Treatment Decision Rules and with Various Complex Restrictions
	Speaker	Rui Pan	潘蕊	Central University of Finance and Economics	中央财经大学	Large-scale Multi-layer Academic Networks Derived from Statistical Publications
	Speaker	Peter Song		University of Michigan	密歇根大学	Introduction to the Database of the ELEMENT Birth Cohorts from the Lens of Biostatistician
	Chair & Speaker	Jiashun Jin	金加顺	Carnegie Mellon University	卡内基梅隆大学	The statistical triangle
Meeting Room No.3	Invited Session 45: Statistical Inference with Complex Data. Organizer: 王启华					
	Chair	Qihua Wang	王启华	University of Science and Technology of China	中国科学技术大学	
	Speaker	Ruoyu Wang	王若宇	Harvard T. H. Chan School of Public Health	哈佛大学公共卫生学院	Debiased estimating equation method for summary statistics-based Mendelian randomization
	Speaker	Songshan Yang	杨松山	Renmin University of China	中国人民大学	New Tests for High-Dimensional Two-sample Mean Problems with Consideration of Correlation Structure
	Speaker	Ying Sheng	盛赢	Chinese Academy of Sciences	中国科学院	Statistical inference for counting processes under shape heterogeneity
	Speaker	Haojie Ren	任好洁	Shanghai Jiao Tong University	上海交通大学	Selective Conformal Inference with FCR Control

## 8:30-10:10

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.5	Invited Session 46: Statistical Models in Biomedical Research. Organizer: 郭秀花					
	Chair	Xiuhua Guo	郭秀花	Capital Medical University	首都医科大学	
	Speaker	Tao Sun	孙韬	Renmin University of China	中国人民大学	Semiparametric copula method for semi-competing risks data subject to interval censoring and left truncation: Application to disability in elderly
	Speaker	Fan Yang	杨帆	Shandong University	山东大学	深度学习在精准医疗领域中的应用
	Speaker	Anxin Wang	王安心	Beijing Tiantan Hospital, Capital Medical University	首都医科大学附属北京天坛医院	真实世界研究中倾向评分方法和应用
	Speaker	Haibin Li	李海彬	Beijing Chaoyang Hospital, Capital Medical University	首都医科大学附属北京朝阳医院	基于参数g-formula模型的人群干预效应的因果推断研究: 以不同降压策略比较为例
Meeting Room No.10	Invited Session 47: Empirical finance and economics. Organizer: 刘庆富					
	Speaker	Qingfu Liu	刘庆富	Fudan University	复旦大学	PeerMeta: A Framework of Financial Statement Fraud Detection Based on Peer Effects and Meta Learning
	Speaker	Zhengjun Zhang	张正军	University of Chinese Academy of Sciences	中国科学院大学	Modeling Medium-sized Cross-sectional Maxima with Autoregressive Conditional GB2 Models
	Speaker	Dan Wang	王丹	New York University -Shanghai	上海纽约大学	FinRL: A Deep Reinforcement Learning Framework to Automate Trading in Quantitative Finance
	Chair & Speaker	Zhao Chen	陈钊	Fudan University	复旦大学	Statistical Applications in Stock Investment
Meeting Room No.11	Invited Session 48: Theories for Statistical Machine Learning Research. Organizer: Yuhong Yang					
	Chair	Yuhong Yang		University of Minnesota	明尼苏达大学	
	Speaker	Yuan Yao	姚远	The Hong Kong University of Science and Technology	香港科技大学	Controlling the False Discovery Rate in Structural Sparsity: Split Knockoffs
	Speaker	Ganghua Wang	王刚华	The University of Minnesota	明尼苏达大学	Machine Learning Safety: Enhancing Privacy and Fairness
	Speaker	Ben Dai		The Chinese University of Hong Kong	香港中文大学	Significance tests of feature relevance for a black-box learner
	Speaker	Fang Fang		East China Normal University	华东师范大学	Kolmogorov-Smirnov learning by neuron networks with a nonconvex surrogate loss

## 8:30-10:10

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.12	Invited Session 49: Advance in Statistical Methods for Large and Complex Data. Organizer: 朱宏图					
	Speaker	Yize Zhao		Yale University	耶鲁大学	Establishing group-level brain structural connectivity incorporating anatomical knowledge under latent space modeling
	Speaker	Linbo Wang		University of Toronto	多伦多大学	The promises of multiple outcomes
	Speaker	Jian Kang		University of Michigan	密歇根大学	Bayesian methods for brain-computer interfaces
	Chair & Speaker	Dehan Kong		University of Toronto	多伦多大学	Causal inference on distribution functions
Meeting Room No.13	Invited Session on Interdisciplinary and Applied Research 7: Statistical learning and its applications					
	Speaker	Lizhe Sun	孙力喆	Peking University	北京大学	Consistent dynamic Bayesian network learning for an fMRI study of emotion processing
	Speaker	Lican Kang	康利灿	National University of Singapore	新加坡国立大学	Optimal Excess Risk Bounds via Offset Rademacher Complexity
	Speaker	Yuting Huang	黄玉婷	Lanzhou University of Finance and Economics	兰州财经大学	Model Construction of Quantile Factor Augmented Quantile Autoregression Distributed Lag
	Chair & Speaker	Shihua Luo	罗世华	Jiangxi University of Finance and Economics	江西财经大学	Grated Recurrent Unit Network Quantile Regression for Silicon Content Prediction in Blast Furnace
Meeting Room No.15	Contributed Session 19					
	Speaker	Shuntuo Xu	徐顺拓	East China Normal University	华东师范大学	On Adaptive Kernel Learning for Nonparametric Regression and Classification
	Speaker	Mingxue Quan	全明雪	Renmin University of China	中国人民大学	Optimal One-Pass Nonparametric Estimation Under Memory Constraint
	Speaker	Yimeng Ren	任怡萌	Fudan University	复旦大学	Distributed Estimation and Inference for Spatial Autoregression Model with Large Scale Networks
	Speaker	Hengfang Wang	王恒放	Fujian Normal University	福建师范大学	Transductive Matrix Completion with Calibration for Multi-Task Learning
	Speaker	Zhaoyu Xing	邢兆雨	Xiamen university	厦门大学	GOLFS: Feature Selection via Combining Both Global and Local Information for High Dimensional Clustering
	Chair & Speaker	Jianxi Zhao	赵建喜	Beijing Information Science and Technology University	北京信息科技大学	Multi-view clustering based on principal component analysis and binary pairwise fused penalty

**8:30-10:10**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.16	Contributed Session 20					
	Speaker	Xuejun Jiang	蒋学军	Southern University of Science and Technology	南方科技大学	Inference for ultra-high dimensional quasi-likelihood models
	Speaker	Yunyi Zhang	张云翼	The Chinese University of Hong Kong, Shenzhen	香港中文大学深圳	Simultaneous Statistical Inference for Second Order Parameters of Time Series under Weak Conditions
	Speaker	Yang Zhou	周扬	Beijing Normal University	北京师范大学	covariance test for discretely observed functional data
	Speaker	Jianxuan Liu		Syracuse University	雪城大学	Sufficient Dimension Reduction for Poisson Regression
	Chair & Speaker	Junlong Zhao	赵俊龙	Beijing Normal University	北京师范大学	Estimation of Linear Functionals in High Dimensional Linear Models: From Sparsity to Non-sparsity
Meeting Room No.18	Contributed Session 21					
	Speaker	Tao Qiu	邱涛	Beijing Normal University	北京师范大学	Testing Homogeneity in High Dimensional Data through Random Projections
	Speaker	Yin Jin	金寅	Zhejiang University	浙江大学	A Unified Generalization of Inverse Regression Via Adaptive Column Selection
	Speaker	Zhuoxi Li	李卓熹	Xiamen university	厦门大学	Semi-Distance Correlation and Its Applications
	Speaker	Huijie Qiao	乔会杰	Southeast University	东南大学	Weak approximation of nonlinear filtering for multiscale McKean-Vlasov stochastic systems
	Chair & Speaker	Falong Tan	谭发龙	Hunan University	湖南大学	Weighted residual empirical processes, martingale transformations, and model checking for regressions

**10:10-10:30**

茶歇(Conference Break)

**10:30-12:10**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.1	Invited Session 50: Advanced Statistical Methods and Theories					
	Speaker	Subrata Kundu		Columbian College of Arts and Sciences	哥伦比亚艺术与科学学院	The Statistical Face of a Region under Monsoon Rainfall in Eastern India
	Speaker	Jessica Gronsbell		University of Toronto	多伦多大学	Leveraging Electronic Health Records for Biomedical Research
	Speaker	Fengnan Gao	高凤楠	Fudan University	复旦大学	Mixture Cure Model with both Semiparametric Components for Interval-Censored Data
	Chair & Speaker	Jing Lei	雷径	Carnegie Mellon University	卡内基梅隆大学	On High-Dimensional Gaussian Comparisons For Cross-Validation
Meeting Room No.2	Invited Session 51: Networks in Neuroscience & Bioinformatics. Organizer: Genevera Allen					
	Speaker	Subhra Sankar Dhar		Indian Institute of Technology KanpurKanpur, India	印度理工学院	Co-variance Operator of Banach Valued Random Elements: Viewpoint of U-Statistic
	Speaker	Junhui Wang	王军辉	The Chinese University of Hong Kong	香港中文大学	Learning linear non-Gaussian DAG with diverging number of nodes
	Speaker	Yan Dora Zhang	张彦	The University of Hong Kong	香港大学	Fine-Mapping Causal Variants Using Summary GWAS Statistics with Heritability-induced Dirichlet Decomposition Prior
	Chair & Speaker	Zhi Geng	耿直	Beijing Technology and Business University	北京工商大学	因之果与果之因
Meeting Room No.3	Invited Session 52: Latest Developments in Inference and Modeling Organizer: 陈松蹊					
	Speaker	Zhigang Yao	姚志刚	National University of Singapore	新加坡国立大学	Random fixed boundary flows: a twin sister of principal flow?
	Speaker	Yannis G. Yatracos		Tsinghua University	清华大学	Limitations of the Wasserstein MDE
	Speaker	Shouxia Wang	王守霞	Peking University	北京大学	Ensemble Kalman Filter under Fixed and High Dimension
	Chair & Speaker	Yundong Tu	涂云东	Peking University	北京大学	A Tale of Two Types of Structural Instabilities in High Dimensional Factor Models
Meeting Room No.5	Invited Session on Interdisciplinary and Applied Research 8: Statistical Machine Learning: Methodology, Theory and Applications					
	Speaker	Zhaohui Li	李赵辉	University of Chinese Academy of Sciences	中国科学院大学	Robust Bayesian Regression via Hard Thresholding
	Speaker	Xiaodong Yan	严晓东	Shandong University	山东大学	非线性期望和强化学习 Nonlinear Expectation and Reinforcement Learning
	Speaker	Ying Jin	Ying Jin	Stanford University	斯坦福大学	Selection by Prediction: Prediction-Assisted Candidate Screening with Conformal p-values and its Application to Drug Discovery
	Chair & Speaker	Ke Deng	邓柯	Tsinghua University	清华大学	Integrating Statistical Learning and Deep Learning for More Advanced Material Science



## 10:30-12:10

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.10	Invited Session on Interdisciplinary and Applied Research 9: Statistics in Biomedical Research					
	Speaker	Fengyun Gu	顾风云	North China Electric Power University	华北电力大学	Statistical Quantitation of Dynamic PET Scans
	Speaker	Jiachen Cai	蔡嘉辰	University of Cambridge	剑桥大学	Modeling Interactive Biological Pathways From High-Dimensional Gene Expression Trajectories Using Dependent Gaussian Processes
	Speaker	Peifeng Tong	童培峰	Peking University	北京大学	Ensembled Seizure Detection based on Small Training Samples
	Chair & Speaker	Shiyang Ma	马诗洋	Shanghai Jiao Tong University	上海交通大学	Knockoff-Based Statistics for the Identification of Putative Causal Genes in Genetic Studies
Meeting Room No.11	Invited Session on Interdisciplinary and Applied Research 10: Causal Inference and Applications					
	Speaker	Yiyuan Liu	刘艺媛	Jiangxi University of Finance and Economics	江西财经大学	Fusion of supervised learning and reinforcement learning for dynamic treatment recommendation
	Speaker	Peng Wu	吴鹏	Beijing Technology and Business University	北京工商大学	基于因果的推荐系统
	Speaker	Xinyu Li	李新宇	Peking University	北京大学	Correcting for nonignorable nonresponse bias in overestimation of turnout using callabck data
	Chair & Speaker	Weining Shen	Weining S	University of California, Irvine	加州大学欧文分校	Causal inference for soccer game analysis
Meeting Room No.12	Contributed Session 22					
	Speaker	Yang Sun	孙杨	Peking University	北京大学	Efficient calibration of computer models with multivariate output
	Speaker	Chaoxia Yuan	袁超霞	East China Normal University	华东师范大学	Effective model averaging for generalized linear models in diverging model spaces
	Speaker	Huiyi Xia	夏慧异	Chizhou University	池州学院	lasso错误快速算法的更正及拓展研究
	Speaker	Qian Xiao	肖骞	University of Georgia	佐治亚大学	A Scalable Gaussian Process for Large-Scale Periodic Data
	Speaker	Xiangdong Xie	谢向东	Northeast Normal University	东北师范大学	Collapsibility of Conditional Models of CG-Graphical Models
	Chair & Speaker	Qiong Zhang	张琼	Renmin University of China	中国人民大学	Gaussian mixture reduction with composite transportation divergence

**10:30-12:10**

Room	Chair & Speakers	Name	姓名	Affiliation	单位名称	Title
Meeting Room No.13	Contributed Session 23					
	Speaker	Qishuo Yin	殷琦硕	University of Pennsylvania	宾夕法尼亚大学	Optimal Sample Splitting for Multiple Outcomes Treatment Effect Detection
	Speaker	Zhexiao Lin	林哲霄	UC Berkeley	加州大学伯克利分校	On regression-adjusted imputation estimators of the average treatment effect
	Speaker	Yuhao Deng	邓宇昊	Peking University	北京大学	Causal inference for semi-competing risks via multi-state models
	Speaker	Li Li	李丽	Xiamen university	厦门大学	Treatment Effect Estimation with Censored Outcome and Covariate Selection
	Speaker	Chong You	尤翀	Peking University	北京大学	An Approximated Collapsed Variational Bayes Approach to Variable Selection in Linear Regression
	Chair & Speaker	Yuqian Zhang	张宇谦	Renmin University of China	中国人民大学	Dynamic treatment effects: high-dimensional double robust inference under model misspecification
Meeting Room No.15	Contributed Session 24					
	Speaker	Bing Tian	田兵	Xiamen university	厦门大学	Non-marginal feature screening for varying coefficient competing risks model
	Speaker	Huaping Chen	陈花萍	Henan University	河南大学	A covariate-driven beta-binomial integer-valued GARCH-type models for bounded counts with an application
	Speaker	Lingxiao Li	李凌霄	Shandong University	山东大学	Robust estimation of large factor models for tensor-valued time series
	Chair & Speaker	Jie Li		London School of Economics	伦敦政治经济学院	Automatic Change-Point Detection in Time Series via Deep Learning
Meeting Room No.16	Memorial Session for Late Professor Tse Lai. Organizer: Jiashun Jin					
	Chair	Jiashun Jin	金加顺	Carnegie Mellon University	卡内基梅隆大学	
	Speaker	Yiheng Chen		City University of Hong Kong	香港城市大学	
	Speaker	Cunhui Zhang	张存惠	Rutgers University	罗格斯大学	
	Speaker	Jie Chen		Upper Gwynedd, Pennsylvania		
	Forum Discussion					