

Workshop on Data Science and Statistics

《數據科學與統計學研討會》

This workshop aims to bring together distinguished experts from diverse backgrounds to present their cutting-edge research in data science and statistics, to explore the mathematical foundations and applications of data science and AI, and to foster collaboration, exchange ideas, and promote advancements in the field of machine learning and statistics.

Date: 10-11 January 2024 Time: 9am – 6pm Venue: Y301, PolyU

Registration: 9 January 2024 | 1pm – 6pm | TU817

Invited Speakers

Name	Institution
Tony Cai	University of Pennsylvania
Kung-Sik Chan	The University of Iowa
Jinyuan Chang	Southwestern University of Finance and Economics and CAS
Jian Huang	The Hong Kong Polytechnic University
Linglong Kong	University of Alberta
Tengyuan Liang	University of Chicago
Bin Nan	University of California, Irvine
Johannes Schmidt-Hieber	Universiteit Twente
Xiaotong Shen	University of Minnesota
Hansheng Wang	Peking University
Xueqin Wang	University of Science and Technology of China
Yazhen Wang	University of Wisconsin - Madison
Minge Xie	Rutgers University
Lijian Yang	Tsinghua University
Qiwei Yao	London School of Economics and Political Science
Zhou Yu	East China Normal University
Ming Yuan	Columbia University
Yancheng Yuan	The Hong Kong Polytechnic University
Juyong Zhang	University of Science and Technology of China

Conference website :
<https://events.polyu.edu.hk/dss>

General enquiry :
Dr Jiang Binyan Email: by.jiang@polyu.edu.hk



SHOWCASE:

Research Postgraduate Students' Latest Projects

This session showcases the latest projects from our dedicated research students. Join us to explore the cutting-edge realm of data science and statistics research, and prepare to be inspired by their fresh insights and groundbreaking findings.

Date : 10 – 11 January 2024 (Wednesday – Thursday)

Time : 9am – 6pm

Venue : Foyer, 3/F, Core Y, PolyU

Student Name	Project Title
Yu Chen	Model-free Variable Selection by Deep Differential Neural Networks
Wenhai Cui	Demographic Parity-aware Individualized Treatment Rules
Yuan Gao	Gaussian Interpolation Flows: Demystifying Gaussian Denoising for Generative Learning
Ding Huang	Conditional Stochastic Interpolation for Generative Learning
Yuanhang Luo	Online Inference in High-Dimensional Models
Fangran Miao	Fair Adaptive and Robust Federated Learning
Hoi Min Ng	A Global Kernel Estimator for Partially Linear Varying Coefficient Additive Hazards Models
Shengjie Niu	Confident Self-Labeling for Open-World Classification
Chenyu Ren	Hierarchical Functional Protein Generation with Latent Representation
Maojun Sun	LlamaCare: A Large Medical Language Model for Enhancing Healthcare Knowledge Sharing
Xinyang Yu	A Two-Way Heterogeneity Model for Dynamic Networks
Yangzi Zheng	A Semiparametric Model for Zero-Inflated Fractional Data
Xueyu Zhou	Deep Sufficient and Invariant Representation Learning

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