Hong Kong Shanghai AI Forum 2024

2024 滬港 AI 學術交流會

Day 1 - 28th April (Sunday)

Morning | Opening Ceremony and Plenary Session (09:00-11:20)

Time	Speaker	Affiliation	Topic
08:30-09:00		Registration	
09:00-09:05		Group Photo	
09:05-09:10	Yi MA	Director & Professor, Chair of Artificial Intelligence, Musketeers Foundation Institute of Data Science & Department of Computer Science, The University of Hong Kong	Opening Remarks
09:10-09:15	Xiang ZHANG	President and Vice-Chancellor, The University of Hong Kong	Opening Remarks
09:15-09:20	Yanfeng WANG	Assistant to Director, Shanghai AI Laboratory	Opening Remarks
09:20-09:50	Bowen ZHOU	Chief Scientist, Shanghai AI Laboratory Huiyan Chair Professor, Tsinghua University	The Path to AGI: on Generalization & Specialization
09:50-10:20	Tieyan LIU	Distinguished Scientist, Microsoft Research	AI for Molecular Science: From Simulation to Generation
10:20-10:50	Ping TAN	Professor, Department of Electronic and Computer Engineering, The Hong Kong University of Science and Technology	The Past, Present, and Future of 3D AIGC - from Reconstruction to Generation
10:50-11:20	Hao SU	Associate Professor, Department of Computer Science and Engineering, University of California San Diego	Tackling Data Scarcity in Embodied AI: Research Insights

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Day 1 - 28th April (Sunday)

Afternoon | Workshop 1 - AI for Science (13:00-15:10)

Time	Speaker	Affiliation	Topic
12:30-13:00		Registration	
13:00-13:05	Wanli OUYANG	Professor, Global STEM Scholar, Department of Information Engineering, The Chinese University of Hong Kong	Opening Remarks
13:05-13:30	Qingpeng ZHANG	Associate Professor, HKU Musketeers Foundation Institute of Data Science and Department of Pharmacology and Pharmacy, The University of Hong Kong	Biology-inspired Network Medicine Approach to Drug Discovery
13:30-13:55	Weidi XIE	Associate Professor, Electronic Information and Electrical Engineering, Shanghai Jiao Tong University	Towards Building Generalist Foundation Model for Medicine
13:55-14:20	Chang LIU	Researcher, Microsoft Research Asia	Orbital-free Density Functional Theory for Molecular Systems Using Deep Learning
14:20-14:45	Lei BAI	Research Scientist, Shanghai AI Laboratory	Generative Earth Computing
14:45-15:10	Chao HUANG	Assistant Professor, HKU Musketeers Foundation Institute of Data Science and Department of Computer Science, The University of Hong Kong	Large Language Models for Smart Cities
15:10-15:15		Break	

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Day 1 - 28th April (Sunday)

Afternoon | Workshop 2 - 3D Spatial Computing (15:50-18:40)

Time	Name	Affiliation	Topic
15:15-15:20	Yanchao YANG	Assistant Professor, HKU Musketeers Foundation Institute of Data Science and Department of Electrical and Electronic Engineering, The University of Hong Kong	Opening Remarks
15:20-15:45	Jing LIAO	Assistant Professor, Department of Computer Science, City University of Hong Kong	Photorealistic 3D Generation with Pixel-Level Guidance
15:45-16:10	Tianfan XUE	Vice Chancellor Assistant Professor, Department of Information Engineering, The Chinese University of Hong Kong	When 3D Perception Meets 2D Imaging Process
16:10-16:35	Junhui HOU	Assistant Professor, Department of Computer Science, City University of Hong Kong	Empowering Deep Modeling of 3D Point Clouds: From Representation, Learning Mechanism, to Loss Function
16:35-17:00	Xiaoguang HAN	Assistant Professor, FNII, The Chinese University of Hong Kong, Shenzhen	Learning to Generate 3D Content: from Category-specific to Open-world
17:00-17:25	Li YI	Assistant Professor, IIIS, Tsinghua University	Empowering Generalizable Human-Robot-Interaction via Human Simulation
17:25-17:50	He WANG	Assistant Professor, Founder and Leader of Embodied Perception and InteraCtion Lab, Peking University	Embodied 3D-aware Multimodal Large Model System
17:50-18:15	Dan XU	Assistant Professor, Department of Computer Science and Engineering, The Hong Kong University of Science and Technology	Large-scale Heterogenous Scene Modelling and Editing
18:15-18:40	Jingbo WANG	Researcher, Shanghai AI Laboratory	Generate, Control, and Simulate 3D Characters in the Environment

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Day 2 - 29th April (Monday)

Morning | Workshop 3 - Generative Model (09:00-12:25)

Time	Speaker	Affiliation	Topic
08:30-09:00		Registration	
09:00-09:05	Xihui LIU	Assistant Professor, HKU-MMLab, HKU Musketeers Foundation Institute of Data Science and Department of Electrical and Electronic Engineering, The University of Hong Kong	Opening Remarks
09:05-09:30	Lijun YU	Ph.D. student, Language Technologies Institute, School of Computer Science, Carnegie Mellon University	Language Model Beats Diffusion: Tokenizer is Key to Visual Generation
09:30-09:55	Jiashi FENG	Research Scientist, TikTok	Creative Generative Models: from Video Generation to Storytelling
09:55-10:20	Jiajun WU	Assistant Professor, Computer Science Department, Stanford University	Understanding the Visual World Through Object Intrinsics
10:20-10:45	Zheng SHOU	Assistant Professor, Department of Electrical and Computer Engineering, National University of Singapore	Video Intelligence: What's Next?
10:45-11:10	Qifeng CHEN	Assistant Professor, Department of Computer Science and Engineering, The Hong Kong University of Science and Technology	AI-driven Video Generation and Editing in the Wild
11:10-11:35	Xinlei CHEN	Research Scientist, Meta FAIR labs	Diffusion Models for Self-Supervised Learning: A Deconstructive Journey
11:35-12:00	Liang PAN	Researcher, Shanghai AI Laboratory	3D Content Generation – Dataset, Model, and Evaluation
12:00-12:25	Anyi RAO	Scholar, Computer Science Department, Stanford University	Bridging the Representation Gap between Humans and Machines for Video Production

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Day 2 - 29th April (Monday)

Afternoon | Closed-door Forum：Pioneering Technological Research (14:00-17:30)

Time	Name	Title	Session
13:30-14:00		Registration	
14:00-14:10	Yi MA	Director & Professor, Chair of Artificial Intelligence, HKU Musketeers Foundation Institute of Data Science & Department of Computer Science, The University of Hong Kong	Opening Remarks
14:10-14:20	Dahua LIN	Professor, Shanghai Artificial Intelligence Laboratory, Associate Professor, Department of Information Engineering, The Chinese University of Hong Kong	Opening Remarks
14:20-15:50	Ping LUO	Associate Professor in Department of Computer Science, Associate Director of HKU Musketers Foundation Institute of Data Science at the University of Hong Kong	
	Hongsheng LI	Associate Professor, Department of Electronic Engineering, the Vice-director of CUHK- Interdisciplinary Artificial Intelligence Research Institute, The Chinese University of Hong Kong	
	Xufang LUO	Researcher at the Microsoft Research Asia	
	Chaochao LU	Research Scientist at CausalAI Team, Shanghai AI Laboratory	
	Yixiao YUAN	Researcher at the Microsoft Research Asia	
	Hengshuang ZHAO	Assistant Professor, Department of Computer Science, The University of Hong Kong	
	Hongyang LI	Research Scientist, OpenDriveLab Co-PI, Shanghai AI Laboratory	
	Tao YU	Assistant Professor, HKU Musketeers Foundation Institute of Data Science and Department of Computer Science, The University of Hong Kong	
	Hansen ZHONG	Research Scientist, Shanghai AI Laboratory	
15:50-17:30		Open Discussion	