

Programme Rundown

Time	Programme
09:00 – 09:15	Registration & Refreshment
09:15 – 09:20	Welcome Remarks by HKRFA Chairperson Prof. Alice Wong - The HK Research Grants Council Research Fellow Alliance
09:20 – 09:30	Opening Remarks by Honourable Guest Prof. James Tang - Secretary-General - The University Grants Committee
09:30 – 09:35	Group Photo
Moderator: Prof. Anderson Shum - City University of Hong Kong	
09:35 – 10:20	<i>AI and Ultrasound – towards humans and AI working together</i> Keynote Speaker - Prof. Alison Noble - University of Oxford
10:20 – 11:05	<i>The Future of Healthcare in the Era of Digital Health</i> Keynote Speaker - Prof. Joseph Sung - Nanyang Technological University
11:05 – 11:25	Tea Break
11:25 – 11:45	Flash Talk 1 - Junior Fellows
11:45 – 12:15	<i>AI-assisted Peptide Drug Discovery</i> Session Speaker - Prof. Xuechen Li - The University of Hong Kong
12:15 – 13:45	Lunch
Moderator: Prof. Renjie Zhou - The Chinese University of Hong Kong	
13:45 – 14:30	<i>Mastering the Code of Life: Towards Native Biological LLMs</i> Keynote Speaker - Prof. Wei-Ying Ma - City University of Hong Kong
14:30 – 15:00	<i>Minimally Invasive Brain Computer Interface (BCI) Devices and Applications</i> Session Speaker - Prof. Paddy Chan - The University of Hong Kong
15:00 – 15:30	<i>Seeing The Future of Autonomous Surgical Robots Through Embodied AI</i> Session Speaker - Prof. Qi Dou - The Chinese University of Hong Kong
15:30 – 15:50	Tea Break
15:50 - 16:10	Flash Talk 2 - Junior Fellows
16:10 - 16:40	<i>AI and Big Data: Decoding the Complex Linkages Between Climate, Environment, and Human Health</i> Session Speaker - Prof. Feng Xu - Shandong First Medical University
16:40 - 16:50	Closing Remarks - HKRFA Vice-Chairperson Prof. Yu Huang - City University of Hong Kong

Flash Talk 1

Moderator: Prof. Anderson Shum - City University of Hong Kong

- 11:25 - 11:30** *Impacts of Multidimensional Greenness on Lipid Health in Adults*
Prof. Cui Guo - The University of Hong Kong
- 11:30 - 11:35** *Trustworthy AI-assisted magnetic microcatheter (AI-M2) system for superselective endoluminal interventions*
Prof. Lidong Yang - The Hong Kong Polytechnic University
- 11:35 - 11:40** *AI-driven magnetic tracking for closed-loop navigation of miniature robots*
Dr. Delin Hu - The Chinese University of Hong Kong

Flash Talk 2

Moderator: Prof. Renjie Zhou - The Chinese University of Hong Kong

- 15:50 - 15:55** *TracePatch: Generative Optimization of Code-Based World Models from Trajectories for LLM-Agent Environments*
Prof. Jiaxin Bai - Hong Kong Baptist University
- 15:55 - 16:00** *LUMOS: A cross-attentional histopathology-language foundation model for clinically transparent staging-independent prognosis and immunotherapy biomarker prediction*
Prof. Bonan Chen - The Chinese University of Hong Kong
- 16:00 - 16:05** *Large-scale Multi-sequence Pretraining for Generalizable MRI Analysis*
Prof. Xi Wang - The Hong Kong University of Science and Technology
- 16:05 - 16:10** *Navigating AI in Higher Education: A Constructivist Approach to Shaping Future Professionals*
Dr. Natalie Wong - The Chinese University of Hong Kong

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AI & DIGITAL HEALTH

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