

Program Schedule

9:05 – 9:10	Opening Remarks Prof. Philip K.T. Mok, Director of ICDC, HKUST
9:10 – 9:15	Welcome Remarks Prof. Tim Kwang Ting Cheng, Dean of Engineering, HKUST
9:15 – 10:00	Next-Generation Energy-Efficient Computing for IoT and AI Chips: How to Overcome Memory Wall Prof. Meng-Fan (Marvin) Chang, National Tsing Hua University, Taiwan
10:00 – 10:45	Energy-Efficient Edge Computing for AI-Driven Applications Prof. Vivienne Sze, Massachusetts Institute of Technology, USA
10:45 – 11:00	Coffee Break / Poster Session
11:00 – 11:45	Machine-learning Enhanced Biomedical Data Analytics for Point-of-care Diagnosis System Prof. Hao Yu, Southern University of Science and Technology, China
11:45 – 12:30	Recent IC Innovations of the State-Key Laboratory in Macau Prof. Elvis (Pui-In) Mak, University of Macau, Macau
12:30 – 12:35	Group Photo
12:30 – 14:15	Lunch Break
14:15 – 14:40	Modeling & Simulation of Complex and Multi-Disciplinary Dynamical Systems Prof. Luca Daniel, Massachusetts Institute of Technology, USA
14:40 – 15:05	Ultra-Wideband RF and mm-Wave CMOS Frequency Synthesizers Prof. Howard Luong, HKUST
15:05 – 15:30	Research Efforts in Power Management IC Prof. Wing-Hung Ki, HKUST
15:30 – 15:55	Big Data System Lab Overview Prof. Jiang Xu, HKUST
15:55 – 16:10	Coffee Break / Poster Session
16:10 – 17:00	IC Design Center Lab Visit and Project Demonstration (CYT-3014)