CSIE 10-Year Anniversary Forum

11 August 2021

Connie Fan Multi-media Conference Room, Cheng Yick-chi Building, City University of Hong Kong

Live stream: https://cityu.zoom.us/j/95718026992

This forum is organized to celebrate the 10th anniversary of the foundation of Centre for Systems Informatics Engineering (CSIE). The forum features keynote speech and invited talks complemented by short presentations of selected members of the CSIE.

Programme

09:00 - 09:30	*Registration*
09:30 - 09:35	Welcome Remarks Professor S. Joe Qin, Director of Hong Kong Institute for Data Science and Centre for Systems Informatics Engineering; Dean and Chair Professor, School of Data Science
09:35 - 09:40	Opening Remarks Professor Michael M Yang, Vice-President (Research & Technology), Yeung Kin Man Chair Professor of Biomedical Sciences
09:40 - 10:40	Keynote Speech CPS Driven Control System - via zoom Professor Tianyou Chai, Academician of Chinese Academy of Engineering, Northeastern University
10:40 - 10:45	*Break*
10:45 - 11:20	Healthcare and Public Health Surveillance and Monitoring - via zoom Professor Kwok L. Tsui, Professor, Grado Department of Industrial and Systems Engineering, Virginia Polytechnic Institute and State University
11:20 - 11:55	Big Data and Automation in Polymer Processing Professor Furong Gao, Chair Professor, Department of Chemical and Biological Engineering, The Hong Kong University of Science and Technology
11:55 - 12:30	Recent Researches and Modelling in Pedestrian Movement Professor Eric Lee, Professor, Department of Architecture and Civil Engineering
12:30 - 14:00	*Lunch Break*
CSIE Selected Research | Session Chair: Dr Zijun Zhang	
14:00 - 14:30	System Safety and Reliability in the Big Data Era Professor Min Xie, Chair Professor, Department of Advanced Design and Systems Engineering/School of Data Science
14:30 - 15:00	The Computer Vision Assisted Analytics of Railway Infrastructure Condition Inspections Dr Zijun Zhang, Associate Professor, School of Data Science
15:00 - 15:30	Knowledge-enhanced Explainable Suicide Prediction Dr Qingpeng Zhang, Associate Professor, School of Data Science
15:30 - 16:00	Data Science Enabled Operations Management and Planning Methods in Air Transportation Systems Dr Lishuai Li, Assistant Professor, School of Data Science
16:00	*Closing Remarks* Dr Zijun Zhang, Associate Director of Centre for Systems Informatics Engineering; Associate Professor, School of Data Science