

Big Data and AI Day Program Agenda

May 26, 2017

Lecture Theatre J (near lift 33), HKUST, Clear Water Bay, Kowloon, Hong Kong

Morning session

08:30 - 09:00am	Morning Coffee Break
09:00 - 09:10am	Opening remarks <i>Prof Tony Chan, President of HKUST</i> <i>Prof Nancy Ip, Vice President for Research & Graduate Studies, HKUST</i> <i>Prof Tim Cheng, Dean of Engineering, HKUST</i>
09:10 - 09:15am	Group photo of officiating guests, speakers & panelists
09:15 - 09:45am	Big Visual Data Analysis <i>Dr. Tieniu Tan, Vice Minister of Liaison Office of the Central People's Government in the Hong Kong S.A.R.</i>
09:45 - 10:15am	Big Data at DiDi Chuxing <i>Dr. Jieping Ye, Vice President of Didi Research, Didi Chuxing</i>
10:15 - 10:45am	Coffee break with Demo/Poster Outside Lecture Theatre
10:45 - 11:15am	Big Data Software: What's Next? <i>Prof Michael Franklin, Liew Family Chair of Computer Science, University of Chicago</i>
11:15 - 11:40am	Overview and achievements of Big Data Institute <i>Prof Qiang Yang, Head of Department of Computer Science & Engineering, Director of Big Data Institute, HKUST</i>
11:40am - 12:00nn	Speech and Language for AI and Data Analytics <i>Prof Pascale Fung, Professor of Department of Electronic and Computer Engineering, HKUST</i>
12:00nn - 12:40pm	Student Presentations WeChat Lab <ul style="list-style-type: none">• Yuxiang WU, CSE (Machine Reading System)• Kaixiang MO and Mingfei SUN, CSE (Dialog System)• Quan LI, CSE (Moments Articles Real Time Propagation and Visualization System)• Kejie QIU, ECE (Model-based Global Localization for Aerial Robots using Edge Alignments)• Li CHEN, CSE (Enabling Datacenter-Scale Deep Learning) Smart City <ul style="list-style-type: none">• Jiahang CHEN (Hong Kong Housing Data Portal and Analysis)• Ka Wai TONG, Dennis (Hong Kong Traffic Analysis and Prediction)• Zechun WU (Hong Kong Listed Company Analysis and Ranking)• Xu GENG (Ridesourcing Car Detection by Transfer Learning) Thales <ul style="list-style-type: none">• Xiong Feng (Video crowd counting via Convolutional LSTM)• Zhu Chengkai (Transfer Visual Sentiment via Emotion Distribution Recognition from Facial Expression)• ZHANG Chong (Learning Multisensory Cue Integration on Mobile Robots)• XI Wei (Sensorless Sensing for Crowd Counting and Flows Prediction using WiFi)

12:00nn - 12:40pm	<p>MSc BDT Students</p> <ul style="list-style-type: none"> GOU Renjie (Car Sales Prediction) Chung, Kin Fung (SAIC Car Type Prediction) GAO Cong (House Price Prediction) Nawras J. M. ABUREEHAN (SAIC OCR) XU Yujie (US Presidential Prediction) LIU Wei (Blockchain) <p>Civil Engineering Group</p> <ul style="list-style-type: none"> Dynamic IoT, Big Data and AI: Data-driven Predictive Maintenance for Smart Resilient Cities (OOI Ghee Leng, TAN Pin Siang, LAU Yun Man Oscar, SU Zhaoyu Tony, Jimmy WU, LEUNG Mei Ling, LUI Hoi Lun Henry)
12:40 – 2:00pm	Buffet Box Lunch (free-flow) & Demo/Poster Outside Lecture Theatre
Afternoon session	
2:00 – 2:20pm	<p>Human-Powered Machine Learning <i>Prof Lei Chen, Professor of Department of Computer Science & Engineering, Associate Director of Big Data Institute, HKUST</i></p>
2:20 – 2:50pm	<p>AI-Powered Information Creation, Distribution and Interaction <i>Dr. Lei Li, Research Scientist and Tech Director at Toutiao AI Lab</i></p>
2:50 – 3:20pm	<p>Anomaly detection in large graphs <i>Prof Christos Faloutsos, Professor in Department of Computer Science, Carnegie Mellon University</i></p>
3:20 – 3:40pm	Coffee break with Demo/Poster Outside Lecture Theatre
3:40 – 4:00pm	<p>Impact of Social Media and AI on the Financial Market <i>Prof Michael Zhang, Associate Professor, Department of Information Systems, Business Statistics and Operations Management, HKUST</i></p>
4:00 – 4:20pm	<p>Looking for something that leads exponential growth with big data and AI <i>Dr. Masayuki Mizuno, Deputy General Manager, Data Science Research Laboratories, NEC Corp.</i></p>
4:20 – 5:20pm	<p>Panel Discussion <i>Dr. Hongjiang Zhang, Venture Partner, Sourcecode Capital; Former Kingsoft CEO</i> <i>Mr. Wang Jun, Bank of China International</i> <i>Mr. Charles Ng, Associate Director-General, Invest HK</i> <i>Dr. Duncan Wong, Vice President Financial Technologies, ASTRI</i> <i>Prof Qiong Luo, Associate Professor of Department of Computer Science & Engineering, HKUST</i></p> <p>Facilitator: <i>Prof Yang Wang, Dean of Science, Associate Director of Big Data Institute, HKUST</i></p>
5:30pm	End of Program