

Electrical Engineering Digitalization – A, B & C*

SYMPOSIUM PROGRAMME

08.30	Registration and Coffee
09.00	Welcome Address - Ir T.K. Chiang Chairman, Electrical Division, The HKIE
09.05	Opening Address - Ir Thomas K.C. Chan Immediate Past President, The HKIE
09.10	Keynote Speech - Mr Victor W.K. Lam, JP (tentative) Government Chief Information Officer Innovation and Technology Bureau The Government of the HKSAR
1. Digital Grid	
09.40	Airbone LiDAR Scanning for Overhead Line Vegetation Measurement - Ir Brian C.F. Tsui, Deputy Director – Asset Development - Mr Chris C.K. Cheung, Asset Development Engineer - Mr K.L. Chan, Engineer I CLP Power Hong Kong Limited
10.00	Digital Grid – Power Asset Management - Mr Norbert Kaiser, Senior Asset Management Consultant Siemens AG, Germany - Mr Keith T.M. Wong, Digitalization Manager Siemens Ltd., Hong Kong
10.20	Discussion
10.40	Coffee Break
2. Smart Transportation	
11.10	Use of Bluetooth and Wifi for Monitoring Traffic and Pedestrian - Professor Edward C.S. Chung Professor Department of Electrical Engineering Hong Kong Polytechnic University
11.30	Smart Railway - Ir C.L. Leung, General Manager – XRL E&M - Ms Sha Wong, Head of E&M Engineering MTR Corporation Ltd.
11.50	Development of Elevator Drives - Ir Dr Albert T.P. So, Honorary Lecturer - Ir Dr Bryan M.H. Pong, Associate Professor - Ir W.K. Lee, Principal Lecturer - Dr K.H. Lam, Lecturer Department of Electrical & Electronic Engineering University of Hong Kong

12.10	Discussion
12.30	Lunch
3. Digitalization	
14:15	BIM in respect of Digitalization - Ir C.K. Lee, Chief Engineer Electrical & Mechanical Services Department The Government of the HKSAR
14.35	Embrace the Power of Digitalization for a Sustainable Hyper-Scale Data Centre - Ir George K.C. Or Director Infrastructure Development, Data Centre Business NTT Com Asia Limited
14.55	Discussion
15.15	Coffee Break

4. Machine Intelligence & Data Mining	
15.45	Deep Learning Technology and Applications with Big Data - Professor Francis Y.L. Chin Emeritus Professor & Honorary Professor - Dr Bethany M.Y. Chan Honorary Associate Professor Department of Computer Science University of Hong Kong
16.05	Preventive Maintenance by using Connected IoT Devices in Electrical System - Ir Ian Y.L. Lee Solution Director Schneider Electric (HK) Ltd.
16.25	Discussion
16.45	Summing Up - Ir Dr Edward W.C. Lo Symposium Chairman Electrical Division, The HKIE
Closing Address - Ir Professor Christopher Y.H. Chao Dean Faculty of Engineering University of Hong Kong	

* A, B & C stand for Artificial Intelligence, Big Data & Cloud Services

To: Ir Y.K. Chu
Symposium Secretary
The 36th Electrical Division Symposium, 2018
The Hong Kong Institution of Engineers
c/o 31/F, Queensway Government Offices
66 Queensway, Hong Kong.

Tel: 2867 4057 / 9884 2732 Fax: 3757 5778 E-mail: hk.ie.eeldiv@gmail.com

Enrolment Form

Please enrol the following delegates on the Symposium

The HKIE – Electrical Division
Electrical Engineering Digitalization – A, B & C*
Tuesday, 23rd October 2018
3/F, Ballroom, Sheraton Hotel

Names & Classes of HKIE Membership #

.....
.....
.....

Organization: _____

Address: _____

Contact Person Name: _____

Telephone: _____ Fax: _____

E-mail Address: _____

Date : _____

Symposium fee: \$ 1,850 per participant
\$ 1,750 per participant enrolled before 30th September 2018 ##

.... including proceedings, lunch and coffee. Please enrol via e-mail or fax, and payment for the Symposium is required to confirm your enrolment. Please make cheque payable to 'The HKIE - Electrical Division', and post it with the enrolment form. The closing date of enrolment is 15th October 2018. Use photocopy of this form for more participants to enrol.

Please advise Class of HKIE membership where applicable for each participant.
Non-HKIE members please indicate N/A
The early bird rate of \$1,750 per head would be applied to those who enrol before 30th September 2018

Enrol Now!

Cancellation

No refund or deduction of fee can be made for cancellation, but a substitute delegate is permitted.

Note: We reserve the right to change speaker(s) and/or the programme contents without prior notice.