CLP中電   RMIT UNIVERSITY   VTC

# Electrical (Power) Engineering Forum 2020

*Innovation and Technology in Energy and Power Engineering for Smarter and Greener Living*

*Date* : 6 November 2020 (Friday)

*Time* : 09:30 – 13:30    (Hong Kong Time)
         12:30 – 16:30    (Melbourne Time)

*Platform* : Face-to-Face
(*Room 035 IVE(Haking Wong), Hong Kong*)

Online
(*The webinar link and information will be sent through email upon successful registration.*)

*Medium* : English

**3.5 CPD HOURS**

Supporting Organisations

ASTRI 香港應用科技研究院有限公司   HKIE THE HONG KONG INSTITUTION OF ENGINEERS 香港工程師學會   HKSTP 香港科技園   HKFEMC 香港機電工程商聯會   IET The Institution of Engineering and Technology

# Electrical (Power) Engineering Forum

Themed "Innovation and Technology in Energy and Power Engineering for Smarter and Greener Living", the Electrical (Power) Engineering Forum aims to provide an interactive platform for technocrats, engineers and academicians to share their experience, research breakthroughs or vision-trends.

| HK | MEL | PROGRAMME |
|---|---|---|
| 09:30 | 12:30 | Registration |
| 10:00 | 13:00 | Opening Session |

**Welcome Address**
Ir Prof Paul Poon — Vice Chancellor, CLP Power Academy

**Opening Speech**
Professor Aleks Subic — Deputy Vice-Chancellor Science Engineering and Health and Vice President Digital Innovation RMIT University

**Speech**
Ir Raymond Poon — Deputy Director/Regulatory Services Electrical and Mechanical Services Department, HKSAR

**Speech**
Mr Gareth Simpson — Australian Trade and Investment Commissioner Hong Kong and Macau

**Group Photos**

## Session 1

| HK | MEL | PROGRAMME |
|---|---|---|
| 10:30 | 13:30 | CLP Power Smart Metering |

Ir John Chan — Director, Technical Services, CLP Power Hong Kong Limited

| 10:50 | 13:50 | Using Big Data to Optimise Building Energy Efficiency |

Ir Dave Chan — Chief Executive, Information, Communications & Building Technologies, ATAL Technologies Ltd.

| 11:10 | 14:10 | Wide-Area Monitoring and Control of Power Systems using Phasor Measurement Units |

Dr Lasantha Meegahapola — Senior Lecturer, Electrical & Biomedical Engineering, School of Engineering, RMIT University

| 11:30 | 14:30 | Creating Perfect Places with the Power of Data |

Mr Keith Cheng — Head of Digital Hub, Siemens Advanta

| 11:50 | 14:50 | Session Break |

## Session 2

| HK | MEL | PROGRAMME |
|---|---|---|
| 12:05 | 15:05 | Advanced Power Conversion Technologies for Smart City Applications |

Dr Gao Ziyang — Director, 3D Integration CCG Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI)

| 12:25 | 15:25 | Advances in Power Electronics for the Emerging Smart Grid |

Dr Brendan McGrath — Associate Professor, RMIT University

| 12:45 | 15:45 | Innovation Career Development by CLP Power Academy |

Ir Prof Paul Poon — Vice Chancellor, CLP Power Academy

| 13:05 | 16:05 | Panel Discussion |

Moderator: Dr George Lau — Deputy Academic Director (Engineering), Vocational Training Council

Panelists: All presentation speakers

| 13:25 | 16:25 | Closing Remarks |

Dr Daniel Yan — Academic Director (Engineering), Vocational Training Council

| 13:30 | 16:30 | Vote of Thanks |

Professor Peter Coloe — Deputy Vice–Chancellor, Global Development, RMIT University

| 13:35 | 16:35 | End of Forum |

## Register Now

**Enquiries**
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* The Programme may be subject to change without prior notice.