

**Research Centre for Green Energy, Transport and Building
School of Professional Education and Executive Development
The Hong Kong Polytechnic University**

Research Seminar

**Emerging Research and Implementation Challenges of Green Infrastructure
for Electric Vehicles and Smart Transportation**

Date: 4 June 2021 (Friday)
Time: 2:30 p.m. - 5:00 p.m.
Venue: UG06, PolyU Hung Hom Bay Campus, 8 Hung Lok Road, Hung Hom
Mode: Hybrid Mode (Online videoconferencing via Zoom)

Programme Rundown

MC: Dr Nancy Guo

2:30 - 2:35 p.m.	Welcoming Remarks Prof. Peter P. YUEN <i>Professor and Dean College of Professional and Continuing Education (CPCE) The Hong Kong Polytechnic University</i>
2:35 – 2:40 p.m.	Photo-taking Session <i>(including suvenior presenting)</i> Prof. Peter P. YUEN Prof. Z.Y. DONG Prof. Zhao XU Ir. Mr. Wai-kin LEUNG Prof. C.W. LEUNG Dr. Artie NG Dr. Andrew WU <i>(on behalf of Prof. Z.Y. Dong for suvenior presenting)</i>
2:40 - 3:20 p.m.	Electrical Vehicle Grid Impact and Charging Optimization Planning Prof. Z.Y. DONG <i>(Online videoconferencing, access via Zoom)</i> <i>Professor in Energy Systems, School of Electrical Engineering and Telecommunications, University of New South Wales (UNSW) concurrent Director, UNSW Digital Grid Futures Institute</i>
3:10 - 3:20 p.m.	Q&A Session

3:20 - 4:00 p.m.	AI for Smart Grid Prof. Zhao XU <i>Professor, Department of Electrical Engineering</i> <i>The Hong Kong Polytechnic University</i>
	3:50 - 4:00 p.m. Q&A Session
4:00 - 4:40 p.m.	Beyond Electric Vehicles - A Visionary Picture of an Energy Platform Ir. Mr. Wai-kin LEUNG <i>Head of Customer Business Development</i> <i>The Hongkong Electric Company Limited</i>
	4:30 - 4:40 p.m. Q&A Session (To be combined with Panel Discussion)
4:40 p.m. - 4:55 p.m.	Panel Discussion Prof. Z.Y. DONG (<i>online access</i>) Prof. Zhao XU Ir. Mr. Wai-kin LEUNG Dr. Artie NG
4:55 p.m. - 5:00 p.m.	Closing Remarks Dr. Artie NG <i>Deputy Director, PolyU SPEED</i> <i>concurrent</i> <i>Deputy Director, RCGETB, PolyU SPEED</i>
Moderators for Q&A Sessions: Dr. Artie NG <i>Deputy Director, PolyU SPEED</i> <i>concurrent</i> <i>Deputy Director, RCGETB, PolyU SPEED</i> Dr. Andrew WU <i>Principal Investigator of the IIDS Project</i> <i>Lecturer, PolyU SPEED</i>	

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