

Organizer:



Co-organizer:



# NEXT-GENERATION AI & BIG DATA PARADIGM

Funding Organization:



## Alan CHEUNG

Managing Director, Grandion Industrial Limited  
Chairman, Hong Kong Social Entrepreneurship Forum  
Chairman, Promoting CSR Committee of Federation of HK Industries



Speech II: Disrupting the apparel industry through digitalization & data analytics

## Prof. Zhao XU

Professor @ PolyU  
Chairman, IEEE PES/IES/PELS/IAS Joint Chapter,  
IEEE Hong Kong Section



Speech I: In what ways the AI & Big data affect the energy industry

## Mark CHEN

Associate  
ARUP



Speech III: Transforming the built environment industry towards data-driven business

Supporting Organizations:



Date: 14 Dec 2019

Time: 2:30PM- 5:30PM

Venue: ROOM BC202, Hong Kong Polytechnic University, Hung Hum, Hong Kong  
Speech: English



Registration:

Scan the QR code or use the link below:

<https://www.wjx.top/jq/48213115.aspx>



# Organizer:



香港能源服務協會

# Funding Organization:



# Supporting Organizations:



IEEE PES/PELS/IES/IAS Joint Chapter



香港國際智慧  
城市研究院



大中華持續發展全球聯盟  
Greater China Sustainable Development Global Alliance

Master of Ceremony: Mr. Colin Tam (Chairman of HAESCO)

## Rundown:

2:00pm: Registration with name cards.

2:30pm: **① Welcome Remark:** Founding Chairman of HAESCO: Mr. Dominic Yin

2:40pm: **② Speech I:** Prof. Zhao XU (Topic: In what ways the AI & Big data affect the energy industry)

3:20pm: **③ Speech II:** Alan CHEUNG (Topic: Disrupting the apparel industry through digitalization & data analytics)

4:00pm: **④ Speech III:** Mark CHEN (Topic: Transforming the built environment industry towards data-driven business)

4:40pm: **⑤ CPPP Funding Introduction by HKPC**

5:00pm: **⑥ Panel Discussion:** Moderator and the 3 speakers.

5:30pm: The end.



**Mr. Dominic Yin**

**Founder & Honorary  
Chairman of HAESCO**

# Welcome Remark & Moderator

Education: Industrial Management & Industrial Engineering (1959-1963)

Current :

1. 香港環保節能有限公司:董事長兼總裁 (環保及能源的投資, 諮詢及資源整合)  
EESCO P2E2 Hong Kong Ltd.: Chairman & CEO (Investor, Consultant and Facilitator of Environmental & Energy Projects)
2. 三荔企業有限公司:董事長(國際貿易及生產非標零部件)  
Trigo Enterprises Ltd.: Chairman(International Trading & Mfg of non-standard Parts & Components)
3. 天津市南開大學萹麻工程科技有限公司:副董事長(全球唯一的萹麻綠色可降解的潤滑油及航空燃油減碳添加劑生產者)  
Vice Chairman of Tianjin Nankai University Castor Engineering Science and Technology Co., Ltd. (Producer of Investor and Global Unique Castor green & degradable Lubricant and carbon reduction additive for jet fuel)
4. 先進光電技術有限公司董事長 (生產大功率LED專利技術解決散熱及角度的產品)  
Synxia photonic Technology Ltd (Produce patented high power LED products to solve the problems of over heat and angle)
5. 中華海外聯誼會首兩屆開始至2011年的理事及現任名譽理事  
Former Director of China Overseas Friendship Association till 2011 and Current Honorary Director
6. 香港友好協進會董事(創會及現任董事)  
Board Member of Hong Kong Friendship Association since establishment
7. 中國治理荒漠化基金會常務理事  
Executive Director of China Foundation for Desertification Control
8. 獨立能源投資者協會 ( IPPF ) 中國委員會及能效委員會現任主席  
Co-Chairman of China Committee and co-chairman of Energy Efficiency Committee of Independent Power Producers Forum (IPPF)
9. 香港環保工業協會副會長  
Vice-President of Hong Kong Environmental Industry Association
10. 香港總商會環境及可持續發展委員會, 中國委員會及創新技術委員會資深委員  
Senior member of Environment and Sustainability Committee, China Committee and Innovation & Technology Committee of Hong Kong General Chamber of Commerce
11. 國際綠色經濟協會顧問 (北京)  
Advisor of International Green Economy Association in Beijing
12. 中國能源投資網資深能源專家及高級顧問。  
Senior Energy Specialist and Senior Advisor of Energy R & D Center Under China Energy Investment Association.
13. 香港正昌科技公司高級顧問  
Senior Advisor of Hong Kong Dunwell Group of Companies
14. 可持續科技研策基金會首席綠色事務顧問。  
Principal Consultant of Green Affairs of S.T.A.R.S. Foundation

15. 香港綠色策略聯盟副主席  
Vice Chairman of Hong Kong Green Strategy Alliance (HKGSA)
16. 香港可持續發展研究會執行會長  
Executive President of Chinese Society (Hong Kong & Macao) for Sustainable Development
17. 大中華持續發展全球聯盟執行會長  
Executive President of Greater China Sustainable Development Global Alliance.
18. 大中華持續發展基金會:會長  
President of Greater China Sustainable Development Foundation
19. 中國科技部中國生產力促進中心協會國際智慧城市研究院獨立香港院院長  
President of Hong Kong Institute under CAPP International Smart City Research Institute of Ministry of Science & Technology of People's Republic of China
20. 廣東省低碳產業技術協會高級顧問  
Senior Advisor of Low Carbon Industry & Technology Association of Guangdong
21. 台灣新北市綠色能源產業聯盟諮詢及技術顧問(2013年至2016年)  
Consulting and technical Advisor of "Green Industry Association of New Taipei City, Taiwan". (2013 to 2016)
22. 香港專業及資深行政人員協會會員  
Member of Hong Kong Professionals and Senior Executives Association.
23. 香港歐盟學術計劃城市創新系列講座榮譽顧問(2014年11月開始)  
Honorary Advisor of EUAP Urban Innovations Programme Under European Union Academic Program, Hong Kong (Starting in September, 2014)
24. CINEV在2014及2015年11月於香港舉辦的“智慧城市中的智慧機動”論壇及展覽的顧問。  
Advisor of "Smart Mobility in Smart City" Forum & Exhibition Under CINEV in 2014 & Nov 2015 in Hong Kong.
25. 香港能源服務協會創會主席及榮譽主席 (2005-2017)  
Founder & Honorary Chairman of Hong Kong Association of Energy Service Companies.
26. 廣州市智慧城市發展促進會終身名譽主席(2016年6月27日始)  
Life Honorable Chairman of Guangzhou Smart City Development Association (starting on June 27, 2016).
27. 廣東省華南低碳產業發展研究院智慧庫中低碳領域專家。  
Specialist of the Low Carbon Think Tank of Institute of Guangdong South China Low Carbon Industrial Development.
28. 中國科技部中國生產力促進中心協會國際智慧城市研究院獨立香港院院長  
President of Hong Kong Institute under CAPP International Smart City Research Institute of Ministry of Science & Technology of People's Republic of China

## Speech I:

### In what ways the AI & Big data affect the energy industry?



**Prof. Zhao XU**

**Professor @ PolyU  
Chairman, IEEE  
PES/IES/PELS/IAS  
Joint Chapter, IEEE  
Hong Kong Section**

Professor Zhao Xu received B.Eng, M.Eng and Ph.D from Zhejiang University (China), National University of Singapore, and The University of Queensland in 1996, 2002 and 2006 respectively. He joined as an Assistant Professor, and later became Associate Professor, at Centre for Electric Technology, Department of Electrical Engineering, Technical University of Denmark (DTU) since 2006. In Feb 2010, He joined Department of Electrical Engineering, The Hong Kong Polytechnic University (PolyU), where he is now a Professor and Leader of Smart Grid Research Area.

He is the Directors of Power System Laboratory and Smart Microgrid Laboratory, and Leader of B. Eng (PT Electrical Engineering 41080). He has edited 1 book, and published over 150 technical papers in international top journals, and conferences. He has led and participated in several large scale research and consulting projects in Europe, China, and Australia, concerning wind energy, demand side, electric vehicles, electricity market, and power system planning etc., including Hong Kong Research General Council Theme Based Research Projects on Smart Solar Energy harvesting, Storage and Utilization and Sustainable Power Delivery Structures for High Renewables, Wind Energy Development in China ([www.dwed.org.cn](http://www.dwed.org.cn)) and the EDISON project ([www.edison-net.dk](http://www.edison-net.dk)). He has secured more than 20 million HK\$ research funding from local and overseas authorities and organizations. Since 2006, he has successfully supervised 10 PhD students, and more than 30 M.sc students as main or co-supervisor.

## Speech II:

### Disrupting the apparel industry through digitalization & data analytics



**Alan CHEUNG**

- **Managing Director, Grandion Industrial Limited**
- **Chairman, Hong Kong Social Entrepreneurship Forum**
- **Chairman, Promoting CSR Committee of Federation of HK Industries**

Alan graduated from the University of Hong Kong & founded Grandion Industrial Ltd. (a member of Grandion Group) in 1996. Grandion is an apparel supply chain solution provider with production facilities located in China & Hong Kong.

In 2015, Grandion launched an innovative industrial project called TML (To make locally) in HK. The TML project unleashes the competitive advantages of Hong Kong with top design talents; free flow of goods, information and funds; and a sound legal system. TML deploys state-of-art technologies & smart supply chain solutions to extend the Group's capability from an OEM/ODM manufacturer to an Online to Offline (O2O) customised solutions provider in the data economy.

In view of the "aging population" issue, Alan performed impact investment to the Longevity Group in early 2018 and served as chairman. The Longevity Group has then been transforming from a social enterprise into a business platform with social purposes to design and create an inclusive & smart home for the elderly through crossover collaboration with different industrial & technology enterprises. Longevity keeps striving to be an effective & reliable service provider for the elderly with the aim in helping Hong Kong becomes a smart city on elderly.

## Speech III:

### Transforming the built environment industry towards data-driven business



**Mark CHEN**

**Associate  
ARUP**

Mark is currently the associate for Arup digital services and digital technology consulting skills leader for East Asia region. Mark is leading the Arup Digital Platform development for smart building as well as various data-driven digital solutions for built environment, infrastructure and smart city.

Mark is a Chartered Engineer in IT and provides IT consultancy services for many large scale infrastructure projects and mixed-used development in the region.