

## **The HKIE Gold Medal 2018 To Ir Professor W.K. Chow, JP**

Professor W.K. Chow, JP, Chair Professor of Architectural Science and Fire Engineering, and Director of Research Centre for Fire Engineering, Department of Building Services Engineering was awarded the Hong Kong Institution of Engineers (HKIE) Gold Medal 2018, presented to him at the HKIE Annual Dinner on 16 March 2018.



Award Presentation by Ir Thomas Chan, President of HKIE

In his response to the Honourable Chief Executive, President Chan, guests and friends, he thanked the Building Services Discipline (BSS) and Fire Discipline (FED) of HKIE for collaborating over 30 years, to promote Building Services Engineering and Fire Engineering to international leading level.



Thanks to BSE and FED

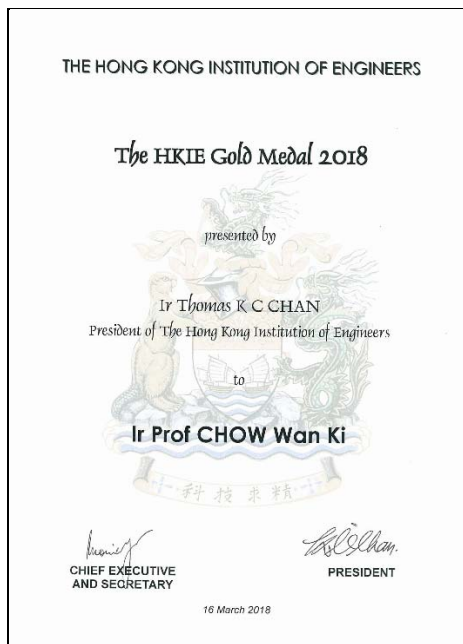
Following the Chief Executive's address, he pointed out that there is a great demand for building services engineers working on the three projects she would develop: the Greater Bay Area Development; the Green and Residential Area above Container Terminals. However, under the smart leadership of President Timothy Tong, PolyU is training quality building services engineers through degree programmes. Professor Chow himself has carried out BSE applied research for 40 years which would definitely advise her on viable solutions expected for challenges on fire hazard in the above three projects. He further extended the possible explosion due to leakage of flammable clean refrigerants from refrigerators placed in kitchen cupboards.



Address by the Hon Chief Executive



With PolyU President, leaders and outstanding PolyU Alumni including Dr. M.K. Chow



The Certificate



The Gold Medal

### *The HKIE Gold Medal 2018* *Ir Prof CHOW Wan Ki, JP*

Gold Medal recipient Ir Prof Chow Wan Ki is Chair Professor of Architectural Science and Fire Engineering, and Director of the Research Centre for Fire Engineering at the Department of Building Services Engineering of The Hong Kong Polytechnic University. In these capacities he has contributed a great deal to academia, and is an acknowledged expert in his field.

He read for his Bachelor's Degree at The University of Hong Kong and graduated with first-class honours in 1977. He then went to and graduated from Portland State University, Portland, Oregon, the USA with a Master's Degree in 1979. He returned to The University of Hong Kong and completed his Ph.D. Degree in 1983. He joined the Department of Building and Surveying, then the new Department of Building Services Engineering, of the then Hong Kong Polytechnic in 1981 as an Assistant Lecturer. Subsequently, he was promoted to Lecturer in 1982, Senior Lecturer in 1988, Principal Lecturer in 1989, Reader/Professor in 1994, and became Chair of Building Services Engineering in 1998. This was retitled to Chair Professor of Architectural Science and Fire Engineering later in the same year. He served as the Head of the Department of Building Services Engineering from 2009 to 2016.

Over the past 36 years, Ir Prof Chow has contributed to the provision of a safe, comfortable and healthy environment for sustainable buildings with tall height, large space volume and located in deep underground. His contributions have been achieved through research, university teaching, high-level consultancy projects and assisting the Government in approving fire safety designs on new big construction projects through performance-based design in Hong Kong and services for professional institutions. He assisted in establishing the Building Services Discipline in the 1980s, and the Fire Engineering Discipline in the 2000s for the HKIE.

Ir Prof Chow was elected a Fellow of the Hong Kong Academy of Engineering Sciences in December 2012. He is a Fellow of the HKIE and many other professional engineering institutions. He was appointed as a Justice of the Peace by the Chief Executive of the HKSAR in July 2013. He was awarded the Lifetime Contribution Award by the Asia-Oceania Association for Fire Science and Technology in October 2015.

He has been the Founding President of the Society of Fire Protection Engineers (SFPE) – Hong Kong Chapter since 2002, President of the Asia-Oceania Association for Fire Science and Technology since 2007, and Chair of Asia-Oceania Chapters Coordinating Group, SFPE since 2015. He was elected to the SFPE Board of Directors from 2016 to 2019.

Ir Prof Chow has published over 1,000 articles, of which over 300 articles have appeared in international refereed academic journals cited by the Science Citation Index (SCI). He has also successfully supervised over 60 Ph.D. candidates.

The Citation appeared at HKIE Annual Dinner on 16 March 2018



Awards: Gold Medal and Badge

A brief summary is available on the HKIE website:

[http://www.hkie.org.hk/en/news/press\\_release\\_detail/57/](http://www.hkie.org.hk/en/news/press_release_detail/57/)

More detailed information will appear in the May 2018 issue of The Hong Kong Engineer.

A short note on the Award was also issued in the March issue of excel@PolyU:

<https://www.polyu.edu.hk/cpa/excel/en/201803/achievements/a2/index.html>

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