

Hong Kong Academy of Engineering Sciences

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Three scholars nominated by Hong Kong Academy of Engineering Sciences win Guanghua Engineering Science and Technology Prizes

[30 May 2018 – Hong Kong] Three Hong Kong engineering scientists nominated by the Hong Kong Academy of Engineering Sciences (HKAES) have recently been bestowed the 12th Guanghua Engineering Science and Technology Prizes by the Chinese Academy of Engineering (CAE). The award presentation ceremony took place on 30 May 2018 in Beijing.

The biennial national prizes aim to reward Chinese engineers and scientists who have made outstanding achievements and important contributions to engineering technology and engineering management. Established in 1996, the award was extended to include candidates from Hong Kong, Macau and Taiwan for the first time in the last session. HKAES was appointed by the CAE to be the only organization responsible for the nomination of candidates from the HKSAR Region. Among the 30 awardees selected from 296 candidates, three of them are from Hong Kong this year.

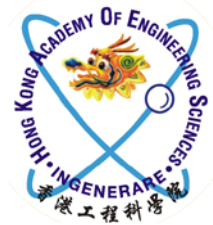
The award recipients nominated by HKAES are (listed in alphabetical order of last name):

- **Professor Jian LU**, Chair Professor of Mechanical Engineering at the City University of Hong Kong. He is a leader in the study of residual stresses. His work on nano surface treatment is at the cutting edge. The research results were adopted in the automobile and aerospace industries including Renault and Air Bus.
- **Professor Ed X. WU**, Chair Professor of Biomedical Engineering at The University of Hong Kong. He is an expert in biomedical imaging and medical instrumentation. He has made seminal contributions to in vivo nuclear magnetic resonance imaging (MRI) methods and their preclinical and clinical applications.
- **Professor Y.L. XU**, Chair Professor of Structural Engineering at The Hong Kong Polytechnic University. He is recognized internationally for his contributions in wind engineering, earthquake engineering, structural vibration control and structural health monitoring.

Professor Timothy W. Tong, President of HKAES and President of The Hong Kong Polytechnic University, extends his warm congratulations to the Hong Kong awardees for receiving this prestigious accolades. He welcomes CAE's initiative to invite nominees from Hong Kong, saying that many local engineering scientists are indeed world renowned academics in their own fields. "Now with recognition at the national level, the three award recipients certainly would step up their efforts to extend the boundaries of knowledge, bringing more positive changes to our society, our Nation and our world. They would also set an exemplary example for their fellow faculty members."

For many years, HKAES has been instrumental in uniting top engineers and scientists in Hong Kong to foster research excellence and technology advancement. “We will continue our close relationship with the CAE to facilitate development of innovation and technology as well as academic collaborations in Hong Kong, mainland China and abroad,” said Professor Tong.

Founded in 1994, HKAES is formed by eminent engineers to promote science advancement and the practice of engineering for the benefits of Hong Kong. Apart from supporting education and research programmes, it regularly organizes conferences and seminars, and provides expert advice on engineering matters to the Government and other organizations. It now has a total of more than 70 Fellows.



**香港工程科學院提名三位學者
榮獲「光華工程科技獎」**

[2018年5月30日 - 香港] 三位香港工程科學家近日榮獲中國工程院第十二屆「光華工程科技獎」，三名獲獎者均是由香港工程科學院提名。頒獎禮今天(2018年5月30日)於北京舉行。

「光華工程科技獎」為兩年一度的國家級獎項，旨在表揚在工程科技及工程管理範疇具卓越成就和重要貢獻的中國工程師和科學家。獎項於1996年成立，上一屆首度將香港、澳門和台灣的科學家納入評選範圍。中國工程院委任香港工程科學院為港澳台唯一指定提名機構。大會今屆從296名候選人中選出30名獲獎者，其中三名來自香港。

由香港工程科學院提名的獲獎者為（按英文姓氏排序）：

- 香港城市大學機械工程學講座教授**呂堅教授** — 他是殘餘應力研究的先鋒，於納米表面處理的研究亦走在科技前沿，他的研究成果已應用於汽車和航空航天工業，如雷諾和空中客車(Air Bus)。
- 香港大學生物醫學工程學講座教授**吳學奎教授** — 他是生物醫學影像和醫療測計儀器的專家，在體內核磁力共振造像領域，以及相關臨床前和臨床的應用，作出開創性的貢獻。
- 香港理工大學結構工程講座教授**徐幼麟教授** — 他在風力工程、地震工程、結構振動控制和結構健康監測領域貢獻良多，享譽國際。

香港工程科學院院長兼香港理工大學校長**唐偉章教授**衷心祝賀獲獎的香港科學家，他指出，本港不少工程科學家均為各範疇的世界知名學者，因此對中國工程院開放獎項予香港同儕深表歡迎。「對三位獲獎者而言，這項國家級的殊榮是對他們成就的肯定，他們定會竭盡所能，進一步開拓知識領域，造福社會、國家以至世界，並為業界同儕樹立典範。」

多年來，香港工程科學院致力團結香港的優秀工程師和科學家，藉以促進卓越研究與科技發展。唐教授表示：「我們將繼續與中國工程院緊密合作，推動創新與科技發展，並促進香港、中國內地和海外的學術協作。」

香港工程科學院由一群頂尖工程師於一九九四年創立，旨在促進工程科學的專業和實務發展，造福香港。該院致力支持教育及科研計劃，籌辦專業會議及研討會，並為政府及其他機構就工程事務提供專家建議。該院現時共有七十多名院士。