



## Academic Excellence

## HKUST Engineering Ranks No. 15 in the World



According to the QS World University Rankings by Faculty 2014 – Engineering and Technology, HKUST has continued to shine and was ranked No. 15, its highest ever position in this league table. HKUST made an impressive jump of 4 places from No. 19 in 2013 and has been No. 1 in Hong Kong for 5 years in a row. [Read More](#)

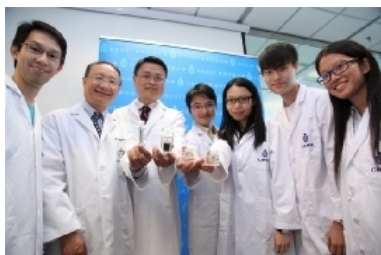
## Research Excellence

## HKUST Environmental Engineering Professor Becomes the First Hong Kong Scholar Elected as an Academician of European Academy of Sciences and Arts

Prof Irene Lo, Professor of Civil and Environmental Engineering, has been elected as an Academician (Technical and Environmental Sciences) of the European Academy of Sciences and Arts (EASA). She is the first Hong Kong scholar inducted into the EASA. Based in Salzburg, Austria, the EASA is an interdisciplinary network of scholars from various fields focusing on scientific, social, cultural and ethical issues. The Academy's seven branches include humanities, medicine, arts, natural sciences, social sciences/law and economics, technical and environmental sciences, and world religions. As of today, it has more than 1,500 members, including 29 Nobel Laureates. [Read More](#)



## HKUST Develops Mini Pulsed Electric Field Device for Water Disinfection



HKUST has invented a mini pulsed electric field device which could reduce more than 90 percent of bacteria in the running tap water in a few

## Faculty Achievements

## Prof Ching Tang Received 2014 OSA Holonyak Award

Prof Ching Tang, Chair Professor of Electronic and Computer Engineering, has received the 2014 OSA Holonyak Award from the Optical Society of America. The Nick Holonyak Jr. Award, established in 1997, honors Nick Holonyak Jr., who has made distinguished contributions to the field of optics through the development of semiconductor based light emitting diodes and semiconductor lasers. [Read More](#)



## Prof Ricky Lee Wins Hong Kong's First Calvin W Rice Lecture Award

Prof Ricky Shi-wei Lee, Professor of Mechanical and Aerospace Engineering and Director of Center for Advanced Microsystems Packaging (CAMP) at HKUST, was selected as the winner of the 2014 Calvin W Rice Lecture Award by the American Society of Mechanical Engineers (ASME) for his contribution to the mechanical engineering society across the world. [Read More](#)



## Prof Richard So Elected as the First Fellow of the International Ergonomics Association from Hong Kong

Prof Richard So, Professor of Industrial Engineering and Logistics Management, has been elected to receive the prestigious title of the Fellow of the International Ergonomics Association (IEA). IEA is the federation of ergonomics and human factors societies around the world. It was founded in 1961 and has celebrated her 50th anniversary in 2011. [Read More](#)



## Campus News

## Google "Solve For X" Joins Hands with HKUST



## Student Achievements

## HKUST Smart Car Team Attained Second Class Award in Intelligent Car Competition



The Smart Car Team of HKUST Robotics Team made a breakthrough in the 9th National Undergraduate Student "Freescale Cup" Intelligent Car Competition (South China Region) held in Wuhan University of Technology from 21st to 24th of July. [Read More](#)

## Computer Science Team Awarded ACM VLDB 2014 Excellent Demonstration Award



Among nearly 200 global submissions and 42 final candidates, the demo system "gMission: a General Spatial Crowdsourcing Platform" by a team from Computer Science and Engineering was awarded the Excellent Demonstration Award in the 40th International Conference on Very Large Data Bases (VLDB) 2014. [Read More](#)

## MPhil Student Won Technopreneur Gold Award at YDC E-Challenge

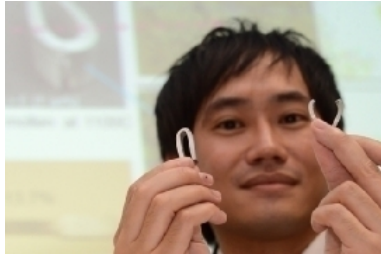
The team "PiCode" formed by MPhil student Wenjian Huang, Electronic and Computer Engineering, and three undergraduate students won the HKSTPC Technopreneur Gold Award at the YDC E-Challenge 2014. [Read More](#)

## Student Sharing

## My Remarkable Internship Experience at United Nations

seconds. The technology is a possible way to help control the spread of water-borne diseases such as Legionellosis caused by microbial contamination of water. [Read More](#)

### HKUST Engineering Team Invents Cheaper, Lighter and Stronger Aluminium Composite for Wide Applications



A HKUST research team led by Prof Yui-bun Chan from the Department of Civil and Environmental Engineering, with support from leading global aluminium producer UC RUSAL (SEHK: 486, EuroNext: RUSAL/RUAL, Moscow Exchange: RUALR/RUALRS), has discovered a new aluminium composite – Fiber Reinforced Aluminium. This new material is stronger than existing aluminium, cheaper and lighter than steel, and can also be used with insulation panels designed to produce a building envelope system that is safer, cheaper, more energy-efficient and easier to mount. [Read More](#)

HKUST has collaborated with Google, Inc. to establish a joint competition of “Solve For X” to be held at HKUST. To promote cutting-edge research and innovation, the School of Engineering (SENG) has been sparing no effort to make the competition a big success. [Read More](#)

### Computer Science and Engineering Department Significantly Helped Improve Students’ Job Hunting Skills



Understanding students’ needs not only in pursuit of academic studies but also in sketching their own career path, the Department of Computer Science and Engineering (CSE) has launched the CSE jobEX programme with FDMT, a HR consulting firm uniquely focused on Gen Y employment. [Read More](#)



Samantha Wing Man Kong, BEng in Chemical and Environmental Engineering (Class of 2014), is one of the 10 representatives from all over the world to work at the United Nations Headquarters in summer 2014. She reflected on how the valuable experience inspired her to work as a Graduate Environmental Engineer at an international consultancy now. [Read More](#)

### My Rewarding Experience in Harvard Summer Research Program



Micky Chan Chi Yee, final year student of Computer Engineering Program, was one of the first participants of the HKUST-Harvard Undergraduate Summer Exchange Research Program, which was pilot run in summer 2014. A total of eight students (four from each university) spent one month each at HKUST and Harvard to work on joint research projects on visible light communication. He shared his rewarding experience in the program. [Read More](#)



**NO.1** Engineering School in Greater China  
**NO.15** Engineering School in the World  
All Departments are within **TOP 30** in the World



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