

# SENG NEWS

DEC 2015 - ISSUE 11

SENG wishes you  
**MERRY CHRISTMAS**  
& Happy New Year



## Announcement

### Appointment of Dean of Engineering

Prof Kwang-Ting (Tim) Cheng (鄭光廷教授) has been appointed as Dean of Engineering with effect from 1 May 2016 concurrent with his professorial appointment as Chair Professor jointly in the Department of Electronic and Computer Engineering and in the Department of Computer Science and Engineering. [Read More](#)



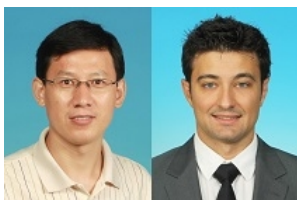
## Teaching Excellence

### Prof Tim Woo Named Recipient of Michael G Gale Medal for Distinguished Teaching

Prof Tim Woo of Electronic and Computer Engineering has been selected as the 2015 recipient of the Michael G Gale Medal for Distinguished Teaching at HKUST. This is the highest recognition for teaching at HKUST and is awarded to one member of academic staff each year. [Read More](#)



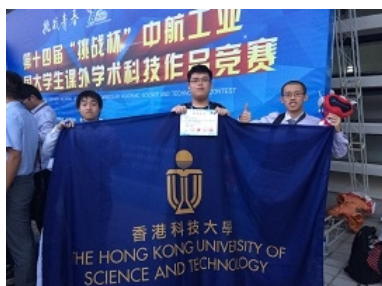
### Outstanding Teachers Recognized



Prof Marshal Liu and Prof Francesco Ciucci were honored in the School of Engineering Teaching Excellence Appreciation Award 2014-15. [Read More](#)

## Student Achievements

### Students Reaped Multiple Awards in 14th National Challenge Cup



Undergraduates Renjing Huang, Po Sang Lo and

## Faculty Achievements

### Prof Tianshou Zhao Named Highly Cited Researcher For Second Consecutive Year

Prof Tianshou Zhao, Chair Professor of Mechanical and Aerospace Engineering and Director of HKUST Energy Institute, has been selected as a Highly Cited Researcher 2015 by Thomson Reuters. This is the second consecutive year he has been selected in the list, which represents some of the world's most influential scientific minds. [Read More](#)



### Prof Guanghao Chen Elected as Distinguished Fellow of International Water Association

Prof Guanghao Chen, Civil and Environmental Engineering, has been elected as a Distinguished Fellow of the International Water Association (IWA). There are currently only 30 Distinguished Fellows out of 10,000 members in IWA and only four people around the world are elected in 2015. He is the first one from Hong Kong to receive this prestigious honor. [Read More](#)



## Campus News

### Schneider Electric Chairman and CEO Mr Jean-Pascal Tricoire Shares Insights on The New Energy World at HKUST 25th Anniversary Distinguished Speakers Series



HKUST hosted the 25th Anniversary Distinguished Speakers Series on 23 September, featuring Mr Jean-Pascal Tricoire, Chairman and Chief Executive Officer of Schneider Electric. The event was well received by students, faculty members and guests from HKUST. [Read More](#)

## Teaching & Learning

### HKUST and University of Waterloo Launch Dual Engineering PhD

## Academic Excellence

### HKUST Ranks No.14 in Global Employability University Ranking



According to the Global Employability University Ranking 2015, HKUST was ranked No.14, its highest ever position in this ranking exercise. HKUST moved up two places from No.16 in 2014 and has garnered the No.1 spot in Greater China for three years in a row. [Read More](#)

### HKUST Engineering Achieved Best Ever Position in THE Engineering Rankings



The prestigious Times Higher Education World University Rankings of Top 100 Universities for Engineering and Technology 2015-16 ranked HKUST No.16 worldwide, the best ever position achieved by any local university since the establishment of this league table in 2010. HKUST Engineering made an impressive jump of five places from No.21 in 2014-15 and has hit the No.1 spot in Greater China for five straight years. [Read More](#)

### HKUST Engineering Ranks No. 14 in the World



According to the QS World University Rankings by Faculty 2015 - Engineering and Technology, HKUST has continued to shine and was ranked No.14, its highest ever position in this league table. HKUST made a jump of one place from

Chun Ki Yeung, all from Chemical and Biomolecular Engineering, won the Grand Prize in Grand Finals, the First Prize in Theme-based Competition on "Smart and Green Cities", and the Second Prize in Hong Kong Regional Competition in the 14th National Challenge Cup. [Read More](#)

### UAV Team Reaped First Prize in International Aerial Robotics Competition



The Unmanned Aerial Vehicle (UAV) team of HKUST has won the First Prize in the International Aerial Robotics Competition (IARC) 2015 – Asia/Pacific Venue, which was held in Beijing from 5 to 8 Nov 2015. [Read More](#)

### HKUST Solar Car Team won Champion in Pit Crew Challenge of Hong Kong Classic 2015



Undergraduates Anny Hiu Yan Mok, Mick Hon Ming Tse, both Mechanical and Aerospace Engineering, and Eddie Wing Tai Yeung, Electronic and Computer Engineering, won the champion in the Pit Crew Challenge – Intercollegiate Speed Engine Assembly and Disassembly Competition in the Hong Kong Classic 2015. [Read More](#)

### Civil Engineering Students Won Championship in International Earthquake Engineering Competition



The HKUST civil engineering undergraduate team has won the First Prize of the Undergraduate Division and the postgraduate team has won the the Second Prize and Best Presentation Award (Third Prize) of the Postgraduate Division in the Introducing and Demonstrating Earthquake Engineering Research in Schools (IDERS) competition. [Read More](#)

### Degree



HKUST and the University of Waterloo, Canada's leading innovation university, will introduce dual doctoral degrees in engineering that will allow select students to simultaneously earn a PhD from each institution. [Read More](#)

### Women in Engineering

#### Women in Engineering: meet Prof Qian Zhang



Joining HKUST in 2005 after a career in the industry, Prof Qian Zhang shared her great joy of turning discoveries to the benefit of humanity. [Read More](#)

### Industry Collaboration

#### Ford and HKUST Award Outstanding Students with Conservation and Environmental Research Grants



Ford Motor Company announced the recipients of the 2015-16 Ford-HKUST Conservation and Environmental Research Grants programme. This year, 20 Master of Science students from HKUST's School of Engineering were awarded grants. [Read More](#)

### Upcoming Event

#### HKUST 25th Anniversary in San Francisco - School of Engineering Seminar cum Alumni Dinner

To celebrate the 25th Anniversary of the HKUST in 2016, SENG will present a seminar with an inspiring theme, "The Role of HKUST in the East and West", featuring renowned professors and key players in the technology industry. We look forward to sharing this significant milestone with our alumni overseas and friends at this special occasion. Stay tuned for more details! [Read More](#)

No.15 in 2014 and has been No.1 in Hong Kong for the sixth consecutive year. [Read More](#)

### Research Excellence

#### HKUST Establishes Two Hong Kong Branches of Chinese National Engineering Research Centers One Led by SENG Faculty Member



The School of Engineering is proud to witness the establishment of two Hong Kong branches of Chinese National Engineering Research Centers (CNERC), namely the Hong Kong Branch of CNERC for Control and Treatment of Heavy Metal Pollution, and the Hong Kong Branch of CNERC for Tissue Restoration and Reconstruction. [Read More](#)

#### HKUST and WeChat Establish Joint Lab on Artificial Intelligence Technology



HKUST celebrated the opening of the WeChat-HKUST Joint Laboratory on Artificial Intelligence Technology (WHAT LAB) on 26 November. The Joint Laboratory is dedicated to foster artificial intelligence and big data research to improve people's living and advance the frontiers of knowledge, marking a milestone in the collaboration of WeChat and the higher education sector. [Read More](#)

#### Empathetic Robots Built to Detect Human Emotions HKUST Professor on Human-Machine Interactions Elected as ISCA Fellow



An expert in intelligent systems that understand and empathize with humans, Prof Pascale Fung developed her latest project "Zara the Supergirl" - a prototype machine capable of chatting with humans in both English and Mandarin. [Read More](#)

