

SENG NEWS

AUG 2016 - ISSUE 13

HKUST 25th Anniversary SENG Alumni Fun Day



Dean's Message

Greetings from the Dean

Greetings from the HKUST School of Engineering! In this "Century of Engineering", engineers will have tremendous opportunities to contribute and make a difference to the world. The global challenges we face – in energy, healthcare, security, climate, environment, even the economy – all demand engineering solutions. The society needs more talents with innovative vision, technical knowledge, collaborative mindsets, and caring characters to find answers to these complex issues, across engineering disciplines and beyond. [Read More](#)



Faculty Achievements

Prof Patrick Yue Received Guanghua Engineering Science and Technology Prize Presented by Chinese Academy of Engineering

Prof Patrick Yue of the Department of Electronic and Computer Engineering was among the first Hong Kong scholars to receive the Guanghua Engineering Science and Technology Prizes presented by the Chinese Academy of Engineering in Beijing. [Read More](#)



Prof Xiangtong Qi Received Natural Science Award

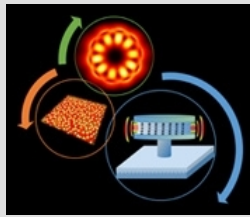


Prof Xiangtong Qi from the Department of Industrial Engineering and Logistics Management received a Natural Science Award (Second Class) in the 2015 Higher Education Outstanding Scientific Research Output Awards (Science and Technology) presented by the Ministry of Education. [Read More](#)

Prof Tim Tse Received Junior Award of International Association for Wind Engineering

Research Excellence

Breakthrough by Prof Kei May Lau and Collaborators to Make Microprocessors Faster and Less Power-Hungry



Prof Kei May Lau's group, in collaboration with researchers from University of California, Santa Barbara, Sandia National Laboratories and Harvard University achieved tiny lasers directly on silicon, making a significant breakthrough for the semiconductor/photonic industry and well beyond. [Read More](#)

HKUST Established Laboratory on Big Data for Bio Intelligence



HKUST celebrated the opening of the HKUST the Big Data for Bio Intelligence Laboratory, which is dedicated to designing data analytic solutions for big data in biology and healthcare to advance knowledge and improve people's living. [Read More](#)

Student Achievements

Undergraduate Student Received ASME Arthur L Williston Medal

Mechanical and Aerospace Engineering final-year undergraduate Karen Ka Long Leong received the Arthur L Williston Medal presented by the American Society of Mechanical Engineers (ASME). [Read More](#)



HKUST Students Won First Place in 2016 Hong Kong Fishackathon

Campus News

HKUST Leads Research Project to Mitigate the Risks and Damage of Landslides in Hong Kong



HKUST is leading a multi-disciplinary team comprising engineers, computer scientists, environmental scientists and ecologists from various universities and institutions to study the mechanism of debris flow in efforts to mitigate the risks and damage of landslides in Hong Kong. [Read More](#)

SENG Achieved Outstanding Results in HKUST One Million Dollar Entrepreneurship Competition



School of Engineering members have achieved outstanding results in the 6th Annual HKUST One Million Dollar Entrepreneurship Competition, with the top three winning teams all include SENG students or alumni. [Read More](#)

Student-Led Hackathon at HKUST Attracted Double Turnout



Hackathon@HKUST (hackUST) 2016 was successfully held on April 16-17 at HKUST, marking the close of the Entrepreneurship Week 2016. Around 440 students and alumni in 91 teams coming from eight local universities were



Prof Tim Tse, Civil and Environmental Engineering, has been honored with the IAWWE Junior Award conferred by the International Association for Wind Engineering (IAWE). [Read More](#)



A team of six HKUST undergraduates were awarded the First Place in the inaugural Fishackathon held in Hong Kong on April 22-24. [Read More](#)

attracted to experience a highly creative weekend. [Read More](#)

2016 SENG Three Minute Thesis Competition



The Center for Engineering Education Innovation (E²I) held the SENG Three Minute Thesis Competition (3MT®) for the third time on April 6, 2016. 3MT® is a research communication competition that aims at challenging research students to consolidate their ideas and research discoveries so that they can be presented concisely to a non-specialist audience. [Read More](#)

Women in Engineering

Alumni Series: Women in Engineering – meet Claudia Sin

A computer science enthusiast, Claudia Sin ventured into entrepreneurship four years ago when she and her friends developed a social shopping platform that targeted women users. She shared the joy and difficulties of her entrepreneurial journey and how she positively learned from mistakes to build her company. [Read More](#)



HKUST Students Won Energy Efficient Design Award in Solar Car Competition



The HKUST Solar Car Team "Sunstrider" won the Energy Efficient Design Award in the "New Energy New Generation" Solar Car Competition. [Read More](#)

Upcoming Event

HKUST Information Day 2016

The HKUST Information Day will include program exhibitions, school & departmental talks and lab tours.

Date: 24 Sept 2016 (Sat)
Time: 9:00am - 5:00pm
Venue: HKUST Campus

Industry Engagement

Disney & HKUST Present "FORCE FOR CHANGE: Inventions for the Community" Grant Recipients Reveal on Star Wars Day Innovative Technologies Designed to Improve Lives of Others



The Walt Disney Company (Hong Kong) and the teams of HKUST Engineering students receiving the first "Disney-HKUST Grant for Technology and Well-being" unveiled their creative inventions designed to give back to the Hong Kong community. [Read More](#)

Alumni Connections

Over 330 Alumni Celebrated HKUST's 25th Anniversary on SENG Alumni Fun Day



The School of Engineering successfully held the Alumni Fun Day on May 28, 2016 (Sat) on campus in celebration of HKUST's 25th anniversary, drawing over 330 alumni from all walks of life. [Read More](#)

25th Anniversary MAE Homecoming Day

The "25th Anniversary MAE Homecoming Day" is a happy occasion to gather alumni, students, faculty members and staff of the Mechanical and Aerospace Engineering (MAE) family. Programs include talks, sports activities, family programs, lab tour, cocktail reception and dinner.

Date: 15 Oct 2016 (Sat)
Venue: HKUST Campus
[Read More](#)



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