

SENG NEWS

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HAPPY LUNAR NEW YEAR

精靈過狗年

2018



Academic Excellence

HKUST Launches Department of Industrial Engineering and Decision Analytics



HKUST is enhancing the Department of Industrial Engineering and Logistics Management by introducing decision analytics into its curriculum. [Read More](#)

Faculty Achievements

Prof Pan Hui Elected 2018 IEEE Fellow

Prof Pan Hui, Computer Science and Engineering, has been elected a Fellow of the Institute of Electrical and Electronics Engineers (IEEE) in the Class of 2018 for his contributions to social-based opportunistic networks. This will bring the total number of IEEE Fellows at the School of Engineering to 40. [Read More](#)



Prof Tianshou Zhao Named Highly Cited Researcher for Fourth Consecutive Year

Cheong Ying Chan Professor of Engineering and Environment Prof Tianshou Zhao, Chair Professor of Mechanical and Aerospace Engineering and Director of HKUST Energy Institute, has been ranked as a 2017 Highly Cited Researcher by Clarivate Analytics. This is the fourth consecutive year he has been selected in the list. [Read More](#)

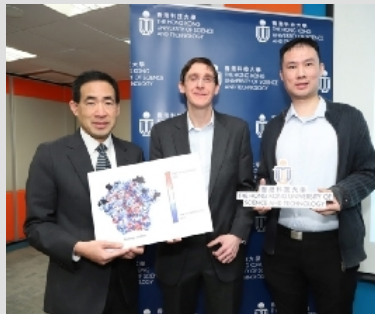


Prof Siu Wing Cheng Named 2017 ACM Distinguished Member

Prof Siu Wing Cheng, Associate Dean of Engineering (Undergraduate Studies) and Professor of Computer Science and Engineering, was named a 2017 Distinguished Member by the Association for Computing Machinery (ACM) for "scientific contributions to computing". [Read More](#)

Research Excellence

HKUST Researchers Discover Fitness Landscape of HIV Envelope Protein That May Help Vaccine Development



An international multi-disciplinary research team led by scientists at HKUST has discovered for the first time a computational framework that could map out the fitness landscape of a crucial protein in the human immunodeficiency virus, potentially paving the way for rational design of a vaccine that may force the deadly virus to mutate into forms that lead to its demise. [Read More](#)

HKUST Establishes Joint Lab on Artificial Intelligence and Computer Vision with Face++



HKUST signed a Memorandum of Understanding with Megvii (Face++) on establishing a joint laboratory on artificial intelligence (AI) and computer vision. The lab will be dedicated to improving people's living and advance knowledge frontiers through researches in AI and image recognition and analysis, marking a new milestone in the collaboration between HKUST and Megvii. [Read More](#)

HKUST Team Invents Revolutionary Batteryless Beacon for Future Social and IoT Applications – Saving Manpower and Protecting the Environment

Collaboration

HKUST and University of Toronto Establish International Doctoral Cluster in Engineering



The Hong Kong University of Science and Technology (HKUST) and the University of Toronto (U of T), the top-ranked university in Canada, have established joint educational placements which aim to maximize the opportunities for joint supervision of PhD students and further facilitate engineering related research collaboration between HKUST's School of Engineering and U of T's Faculty of Applied Science & Engineering. [Read More](#)

Teaching Excellence

A Serious Game Player



Prof Mansun Chan from the Department of Electronic and Computer Engineering is a lover of board games. He first extended his sense of playing board games to his engineering studies. Now he is materializing his passion in engineering education and his dream of founding the International Olympics of Technology inspired by sportsmen's Olympic Games. [Read More](#)

Prof David Rossiter Awarded Michael G Gale Medal for Distinguished Teaching



Prof David Rossiter, Computer Science and Engineering, has won the prestigious Michael G Gale Medal for Distinguished Teaching in 2017. [Read More](#)



Women in Engineering

Women in Engineering – meet Prof Rhea Liem

With aerospace engineering becoming a new strategic area of the School of Engineering few years ago, Prof Rhea Liem joined HKUST to drive the development of this field with other faculty members. Growing up, she has been totally free



in exploring her engineering interest in an open environment and she hopes female students alike enjoy the same opportunities as she did. [Read More](#)

Alumni Connections

"Passing on HKUST Engineering Spirit" – The Scent of Innovation



"Simon, I have updates!" says Michelle almost as soon as she sees Simon Law at the student commons of Department of Industrial Engineering and Decision Analytics. As a BEng in Logistics Management and Engineering graduate, Michelle is keen to brief Simon, also a HKUST engineering alumnus who has been helping her with her start-up, on the latest developments in the design of her product "Aromeo". [Read More](#)



Mr Kang Eun Jeon, a doctorate student in HKUST-NIE Social Media Lab under the Department of Electronic and Computer Engineering, has developed the "HKUST luXbeacon" – a Bluetooth Low Energy Beacon that can harvest and store energy from both solar and indoor lighting, thereby capable of operating without batteries. Beacons are devices that enable the Internet of Things (IoT) to operate. A beacon can send out Bluetooth signals regularly that allow mobile phones to interact with the physical environment. [Read More](#)

HKUST PhD Student Conducts Big Data Analytics on User-Shared Images on Social Media and Achieves Breakthroughs in Smart Living Recommendations



Mr Ming Cheung, a PhD candidate at HKUST, has analyzed 11 million images shared on social media from over 150 countries/locations, and made use of "social signals" to make smart recommendations on daily living that have never been possible. An application for patent on this technology has been filed. "My patent-filed technology is built from a huge number of user-shared images, to which we attach machine-generated labels. On the basis of these labels, we create user profiles and discover user connections using the similarity among the profiles," said Ming. [Read More](#)

Campus News

HKUST Honors Outstanding Non-academic Staff Members

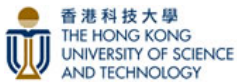


HKUST presented its fourth "HKUST President's Outstanding Service Award" to laud and recognize dedicated non-academic staff members for their outstanding contributions and exemplary performance. [Read More](#)

Town and Gown Meet at Global University Fintech Education Forum



Local and international financial technology leaders and academic experts exchanged views and insights into future trends in fintech and AI areas at the Global University Fintech Education Forum held at the HKUST Jockey Club Institute for Advanced Study on November 24, 2017. [Read More](#)



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NO.17 Engineering School in the World



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