

SENG NEWS

NOV 2017 - ISSUE 17

Nostalgic TV

delights the elderly
and helps
them stay smart



Academic Excellence

HKUST Engineering Ranks No.18 Globally



The *Times Higher Education* World University Rankings 2018 by Subject: Engineering and Technology ranked HKUST No.18 worldwide and No.1 in Hong Kong. HKUST rose one place from No.19 last year and is one of the four universities from Asia and the only one from Hong Kong to make it to the top 20. [Read More](#)

Four More SENG Faculty Receive Named Professorships



Four leading faculty members of the School of Engineering were recognized with prestigious named professorships at HKUST's fourth inauguration ceremony for such honors. They were among a group of 15 outstanding academics across the University to receive named professorships. [Read More](#)

HKUST Joins Partnership on AI to Spearhead Ethical AI Development



HKUST has recently joined an international not-for-profit consortium – Partnership on AI to Benefit People and Society – to promote the development of ethical artificial intelligence (AI) to ensure safety, security, privacy, transparency and fairness of such technology in Asia. [Read More](#)

Faculty Achievements

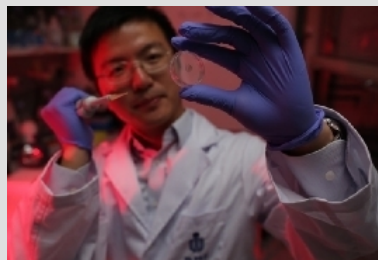
Research Excellence

Project Led by Prof Tianshou Zhao Receives HK\$50 Million Funding under RGC Theme-based Research Scheme

A HKUST-led project focused on energy storage was awarded HK\$50 million in the seventh round of the Research Grants Council (RGC)'s Theme-based Research Scheme. Titled "Creation of Rechargeable Electron-fuels for Stationary Power Supplies and Electric Vehicles", the project is led by Cheong Ying Chan Professor of Engineering and Environment Prof Tianshou Zhao, Chair Professor of Mechanical & Aerospace Engineering and Director of HKUST Energy Institute. [Read More](#)



HKUST Develops New Stimuli Responsive Smart Hydrogels that Open Doors for Future Material Biology and Biomedical Applications



A research team led by Prof Fei Sun of Chemical and Biological Engineering has created a new protein-based stimuli-responsive smart hydrogel that could open doors for future material biology and biomedical applications. [Read More](#)

Community Engagement

HKUST Design Thinking Students Develop "MemoTV" to Help Elderly Revive Their Old Memories



An antique TV set inspired many elderly people to travel far down memory lane and relive the fond moments of their youth. Called "MemoTV" as it elicits people's memories of past decades, the TV set was one of the designs originated from the

Campus News

HKUST Organizes First Robotics Day



The HKUST Robotics Institute organized the first Robotics Day on October 30 to focus on how robotics and other automated technologies create profound and positive impact on industries and our daily lives. The event featured a series of talks by distinguished speakers and showcased a host of innovative projects by faculty and students. [Read More](#)

Teaching & Learning

SENG Recognizes Teaching Excellence



Four faculty members were honored in the School of Engineering Teaching Excellence Appreciation Award 2016-17. The award recognizes faculty members who demonstrate continuous excellence in undergraduate teaching, foster students' interest in the subject, promote students' learning, develop innovative and effective teaching methodologies, and more. [Read More](#)

Student Achievements

HKUST Robotics Team Wins Nine Robotics Awards Including MATE ROV World Champion



The HKUST Robotics Team has scooped nine awards this year – including the world championship of the Marine Advanced Technology Education (MATE) International Remotely Operated Vehicles (ROV) competition in Long Beach, California – the first Asian team who gained this honor since the game began in 2002. [Read More](#)

Prof Charles W W Ng Becomes the First President from Greater China for the International Society for Soil Mechanics and Geotechnical Engineering

CLP Holdings Professor of Sustainability Prof Charles W W Ng, Chair Professor of Civil & Environmental Engineering and HKUST Associate Vice-President for Research & Graduate Studies, was elected as the 17th President of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE). Appointed for the period from 2017 to 2021, Prof Ng is the first president from Greater China and the third one from Asia since the establishment of ISSMGE in 1936. [Read More](#)



Prof Pascale Fung Named Outstanding Women Professional



Prof Pascale Fung, Electronic and Computer Engineering, received the 7th Outstanding Women Professionals Award from the Hong Kong Women Professionals and Entrepreneurs Association. [Read More](#)

HKUST Civil Engineers Become First All-Hong-Kong-Member Teams to Receive Two Geotechnical Best Paper Awards



Two papers by professors and PhD students in the Department of Civil and Environmental Engineering and their collaborators from the Hong Kong Government were honored by best paper awards of leading international geotechnical journals. This marks the first time the awards were given to teams with members all from Hong Kong. [Read More](#)

Alumni Connections

HKUST Engineering Alumni Get Connected with Fellow Alumni and Faculty at Summer Social Mixer 2017

Design Thinking course organized by the HKUST School of Engineering. [Read More](#)

HKUST Engineering Students Develop Revolutionary Mobile App for Learning Sign Language



Three fresh graduates of Computer Science and Engineering at the HKUST School of Engineering have developed a mobile app that can translate Chinese sentences into sign language. [Read More](#)

Parents Experience the World of Their Hearing-Impaired Children with HKUST PhD Students' Simulated Audio Technology



Three PhD students of Industrial Engineering and Logistics Management at HKUST demonstrated their audio technology research to the parents of hearing-impaired children on October 7, enabling parents with normal hearing to experience what their hearing-impaired children are listening to every day. [Read More](#)

Women in Engineering

Women in Engineering – meet Nayeon Lee



Inspired by Prof Pascale Fung's passion in machine learning and AI, Nayeon Lee decided to pursue further studies at HKUST after she finished her undergraduate years here. She shares her rewarding experience in the Google Women Techmakers Scholars Program and her vision of creating positive influence on the community of women in technology. [Read More](#)

Industry Engagement

Ford and HKUST Announce Student Winners of Conservation and Environmental Research Grants

Civil Engineering Postgraduate Students Crowned Champion at Earthquake Engineering Competition



A Civil and Environmental Engineering postgraduate team won three awards including the championship in the Introducing and Demonstrating Earthquake Engineering Research in Schools (IDEERS) competition held in Taiwan on September 22-23. [Read More](#)

Design Thinking Project Becomes Winner of James Dyson Award in Hong Kong Region



An innovative project developed in the four-week Design Thinking course collaborated by the Hong Kong University of Science and Technology and the China Academy of Art received recognition outside the classroom as it was named the National Winner of the James Dyson Award 2017 in the Hong Kong region. [Read More](#)

SENG Achieves Outstanding Results in 7th HKUST One Million Dollar Entrepreneurship Competition



School of Engineering members have achieved outstanding results in the 7th Annual HKUST One Million Dollar Entrepreneurship Competition, with five out of six winning teams included SENG students or alumni. The competition was held in five cities this year and attracted over 900 teams comprising students, startups and professionals, more than doubled over a year ago. [Read More](#)

Final Year Project on Robotic Gripper Recognized at ASM Technology Award 2017



Nearly 170 HKUST engineering alumni, faculty and staff gathered together at Summer Social Mixer on August 29 at a co-working space in Kwun Tong. This was the first happy hour event that mixed engineering alumni with eight alumni associations and fresh graduates to allow all SENG senior and junior alumni to mingle. [Read More](#)



Ford Motor Company and the Hong Kong University of Science and Technology (HKUST) announced the recipients of the 2017-18 Ford-HKUST Conservation and Environmental Research Grants programme. [Read More](#)



The winning team of the HKUST President's Cup 2017 received further recognition of their final year project on a flexible robotic gripper called "Smart Soft End Effector" when they won the Gold Award in the ASM Technology Award 2017. [Read More](#)



NO.1 Engineering School in Hong Kong
NO.15 Engineering School in the World



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