



APPOINTMENT



Prof. Bertram SHI Appointed Acting Dean of Engineering

Prof. Bertram Shi from the Department of Electronic and Computer Engineering took up his new role on April 1, 2022.

FACULTY ACHIEVEMENTS



HKUST President Prof. Wei SHYY Honored by French Government



Prof. Kei May LAU Selected as One of the Most Successful Women 2022 by Magazine JESSICA



Prof. Pascale FUNG Elected Fellow of Association for the Advancement of Artificial Intelligence



Prof. YU Hongyu and Prof. Larry LI Elected as Fellows of Royal Aeronautical Society



Prof. Anthony LEUNG Received Outstanding Young Geotechnical Engineer Award

RESEARCH



HKUST Develops New Multifunctional Hydrogel for Odor and Microbial Control in Hong Kong's Drainage and Flushing Systems

The gel is proven effective in treating odor at numerous drainage locations and in killing flush water bacteria and viruses, including the highly transmissible Omicron variant.



HKUST Researchers Develop Long-Term In Vivo Imaging Technique to Better Understand and Treat Spinal Cord Injury

The new approach paves the way for a better understanding of the pathology and potential treatment of spinal cord injury.



HKUST Develops New Smart Antimicrobial Coating with Long-Term Protection Against Omicron

The coating is effective in killing a wide range of bacteria, and spores, as well as inactivating 99.9% of the highly-infectious Omicron variant.

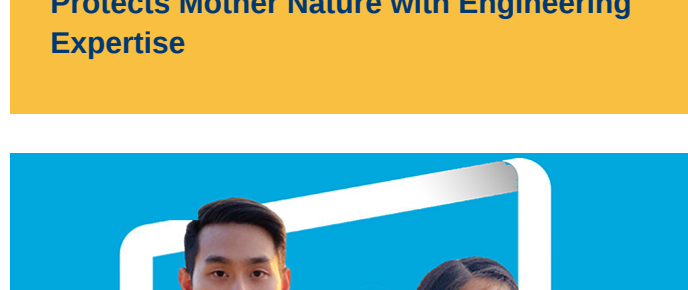
TEACHING & LEARNING



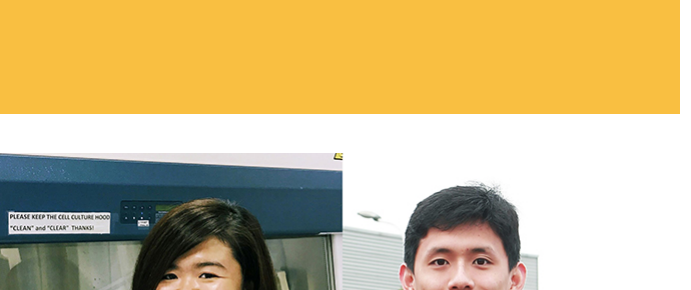
Associate Dean Prof. WANG Yu-Hsing Protects Mother Nature with Engineering Expertise



Blockchain and NFTs Explained



Getting Career Ready Through Cross-Disciplinary Studies and International Exposure



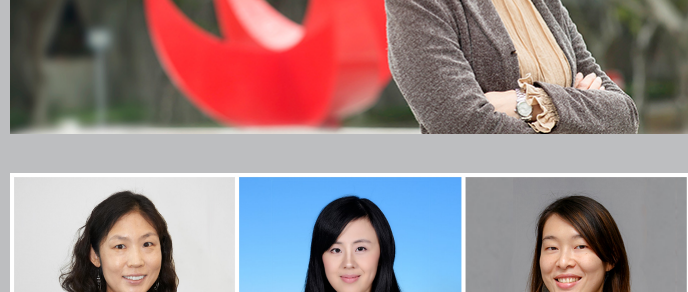
Using Tech to Make a Difference

WOMEN IN ENGINEERING



Prof. Ying CHAU Sees Lifting Students to Full Potential as Her Calling in Life

Devoted to societal impact and mentoring, Prof. Chau conducts revolutionary research in drug delivery for eye diseases, and adopts a human-centered approach to nurturing students.



Wisdom from Women Faculty in STEM

HKUST has been cultivating an inclusive learning and research environment since its establishment. Read this story to see how SENG female professors are empowered to reach their full potential in the male-dominated STEM field.

STUDENT ACHIEVEMENTS



Winning AI Solution Helps Remotely Monitor Patients' Vital Signs

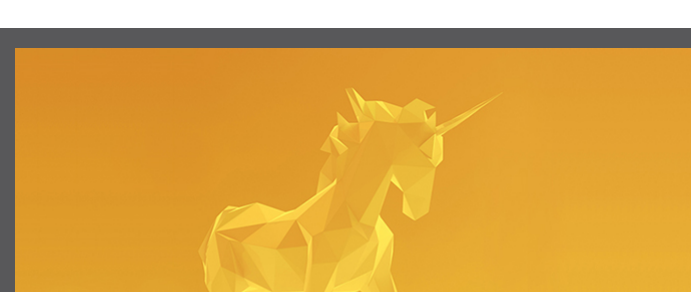


Victory at HKUST President's Cup 2022

ENTREPRENEURSHIP

Unicorns Spotlight Hi-Tech Entrepreneurship

The entrepreneurship success of SENG members was recognized in the "Unicorns HK 2021" shortlist, with six out of 18 start-ups founded or co-founded by the School's faculty or alumni.



COMMUNITY ENGAGEMENT



Setting STEM Knowledge to Work in Soccer Robot Workshops

The Academy for Bright Future Young Engineers held well-received soccer robot workshops for secondary school students.

ALUMNI CONNECTIONS



Atmospheric Scientist Alumna Advances Sustainability Through Leading-Edge Air Quality Research

Chemical and Environmental Engineering alumna Prof. Sally Ng leads air quality research and nurtures the next generation of aerosol explorers.



Aerospace Engineering Fresh Graduate Co-Hosted Out-of-this-World Event

Fresh graduate Marco Clark served as an emcee for the real-time video dialogue between three taikonauts in China's Tiangong space station and Hong Kong youngsters.