

Dean's View

Connecting Wider, Flying Higher



As we move toward Christmas and the end of my first year as Dean of the School of Engineering (SENG), it has been a busy final quarter. In the past few months, I have visited a host of leading universities in Australia, UK, Europe, and Southeast Asia, together with University delegations and individually as head of SEN...

I found a warm welcome and productive talks awaited, fruitfully reengaging with established partners and forging ties with new ones. There were useful...

Read More...

Cover Story



A Fresh Look at Fathoming Global Warming

With the help of HKUST's exciting satellite remote sensing technology and data advances, School of Engineering faculty are seeking more accurate weather forecasts and greater understanding of climate change to enable more effective planning and decision-making by policymakers, companies and individuals.

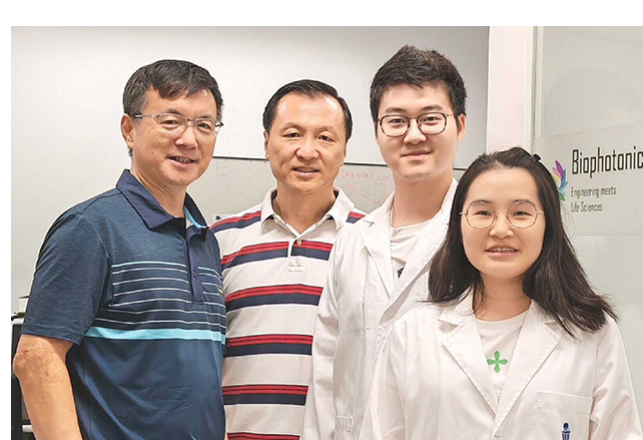
In the News



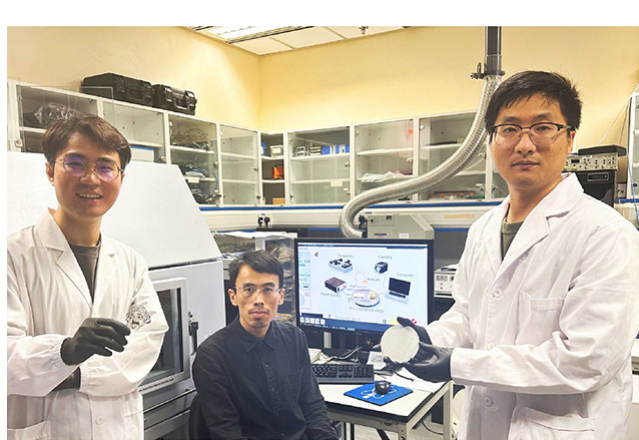
HKUST Engineering Ranks No.1 in Hong Kong for 13 Years



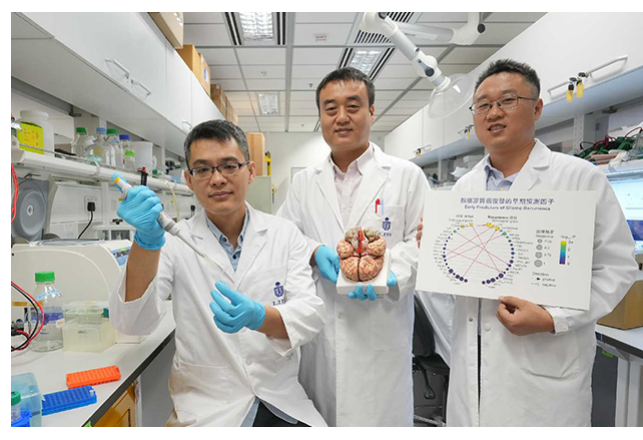
HKUST Engineering Welcomes 17 New Faculty Members



HKUST Researchers Developed Innovative Microscope Platform to Unveil Intricacies of Skeletal Muscle Regeneration



HKUST Researchers Developed Low-cost and Multifunctional Microprinter for Ultrafast Piezoelectric Material Printing

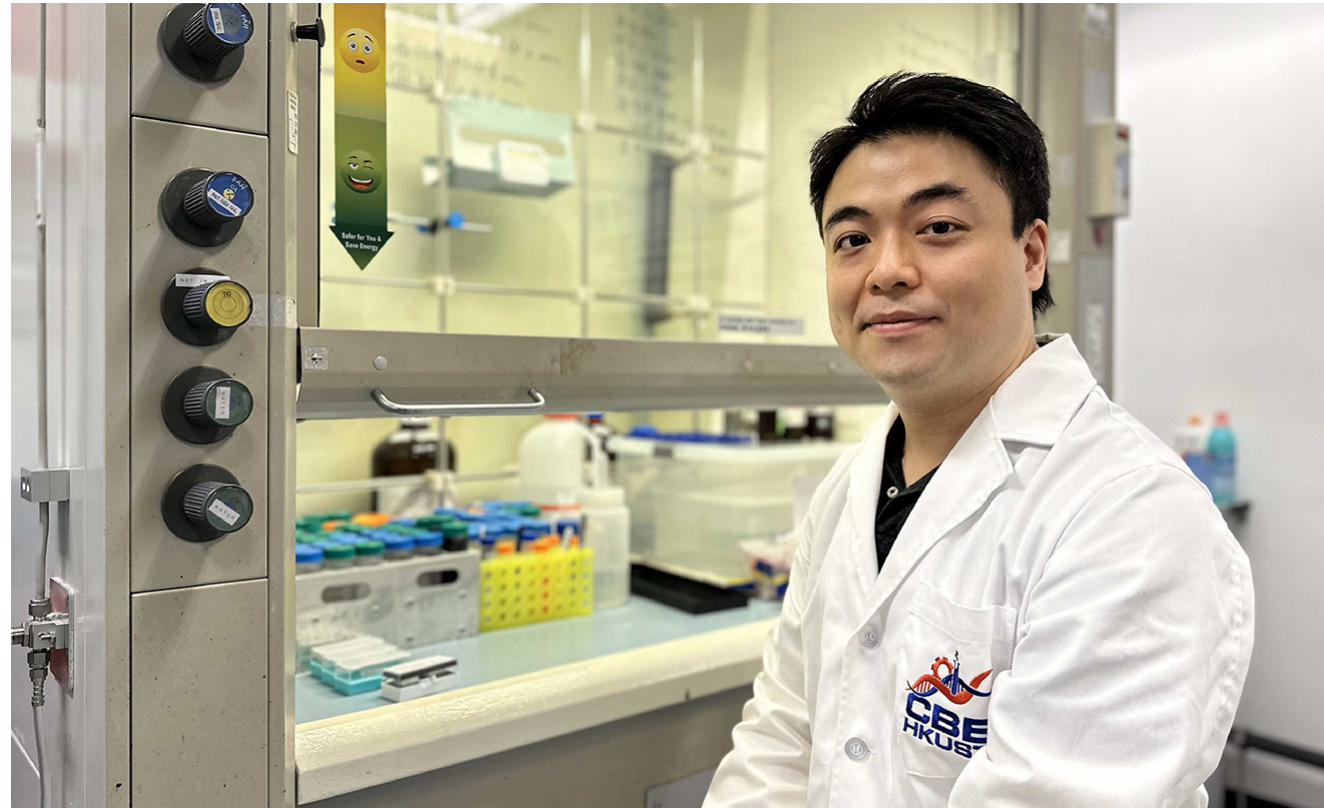


HKUST-led Research Unveiled Early Predictors of Glioma Evolution by Self-constructed Machine Learning Model CELLO2



HKUST Unlocked AI's Potential with Young Global Leaders

Faculty Insight



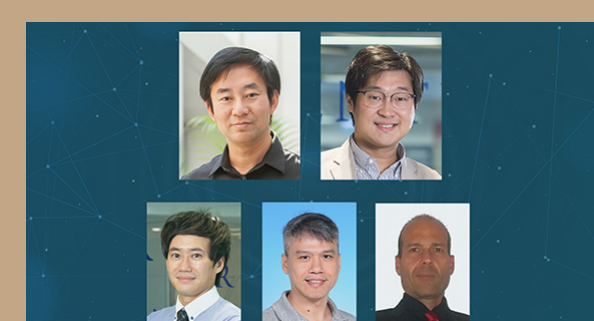
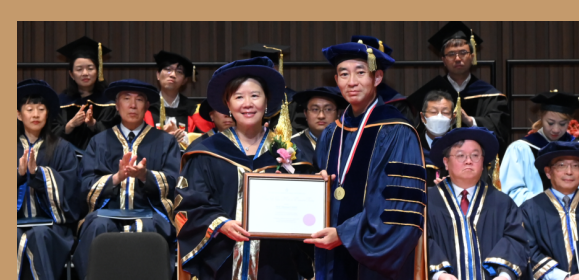
No More "Take Two" in Lung Cancer Surgeries

A HKUST research team has developed a cutting-edge microscope that can accurately detect any remaining cancer cells in just three minutes. Leveraging artificial intelligence, this innovation can help doctors make near real-time judgments during surgery while sparing patients from unnecessary ordeal.

Teaching

Prof. Mansun CHAN Awarded Michael G. Gale Medal for Distinguished Teaching

The honor is awarded to the faculty member who best exemplifies the continued pursuit of excellence, devotion to teaching, and the ability to inspire and motivate others. It is presented annually to one outstanding faculty member from across all academic units at HKUST.



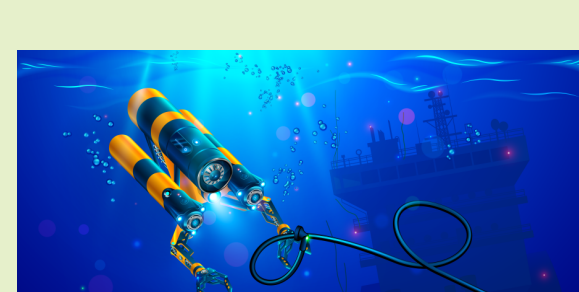
SENG Teaching Excellence Appreciation Award 2022-23

Five faculty members were honored in the School of Engineering Teaching Excellence Appreciation Award 2022-23 for their continuous excellence in undergraduate teaching.

Faculty Column

Feeling at Home in the Ocean

As life and resources beneath the waves attract growing attention globally, Prof. ZHANG Fumin, Director of the HKUST Cheng Kar-Shun Robotics Institute, looks at the impact of leading-edge marine robotics on industry and research exploration and what the future holds.



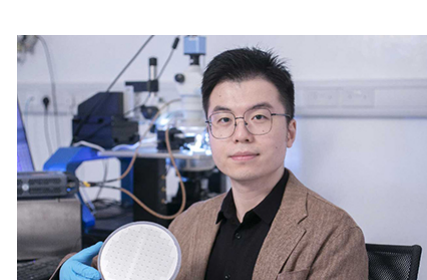
Achievements



Prof. Ross MURCH Won IEEE Communications Society Wireless Communications Technical Committee Recognition Award 2023

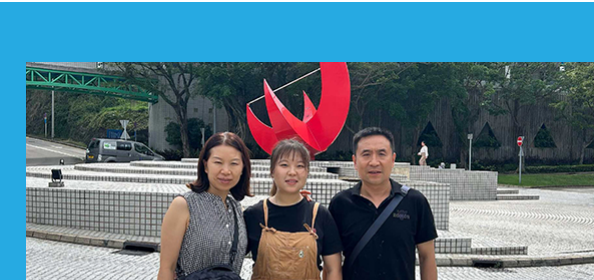


Prof. Pascale FUNG's Team Won Resource Award and Area Chair Award at IJCNLP-AAACL 2023



Prof. YANG Yansong Won 2023 IEEE Electron Devices Society Early Career Award

Students



Rising Star in Integrated Circuit Design Strives to Make Waves in Electronics World

PhD student in Electronic and Computer Engineering Sarah FENG Shuo is a young and dynamic female go-getter who is set to make her mark in the world of chip design. Let us take a closer look at her academic journey and passion for integrated circuit (IC) design.

Over 180 Students Competed in HKUST's 15th Robot Design Contest

Hosted by the HKUST Robotics Team and HKUST RoboMaster Team ENTERPRIZE on Nov 19-20, 2023, the 15th Robot Design Contest saw more than 180 students in 13 training groups showcase their innovative and creative robots.

