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香港科技大學 THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY | 工學院 SCHOOL OF ENGINEERING

Cover Story

Neural Engineer Prof. WANG Yiwen Drives Impactful Brain-Machine Interface Research for the Disabled

Prof. WANG Yiwen, Associate Professor in the Department of Electronic and Computer Engineering and Department of Chemical and Biological Engineering at HKUST, develops brain-machine interfaces that restore motor function to paralyzed patients. Her journey from dismantling bicycles to pioneering neural engineering reveals how curiosity, resilience, and mentorship can literally transform lives.

Alumni

A Civil Engineer's Journey to Transform and Inspire Innovation

Michael LEUNG's remarkable journey from earning a Bachelor of Engineering in Civil Engineering at HKUST to serving as the General Manager of Hilti (Hong Kong) Limited reflects the power of education, mentorship, and a lifelong commitment to innovation and leadership.

Education

Discover Computer Engineering: Bridging Software and Hardware in Everyday Life

Unlock the future with computer engineering! In this article, Dr. Cecia CHAN explores how this dynamic field seamlessly blends software and hardware to enhance our daily lives, from smart homes and immersive gaming to intelligent learning environments and travel solutions.

Highlights

HKUST Held Congregation 2025 Conferring Honorary Doctorates on Five Distinguished Leaders

HKUST held its Congregation 2025 on October 18, conferring Honorary Doctorates upon five prominent and distinguished leaders.

Research

Prof. JIA Jiaya Released AI Image Editing and Generation Model "DreamOmni2"

Prof. CHEN Hao's AI System "SmartPath" Delivered Comprehensive Cancer Diagnosis

Prof. SI Nian Awarded Funding in France-Hong Kong ANR/RGC Joint Research Scheme 2025/26

Treasure Phase Diagram Map of Ferroelectric Properties: Can AI Really Unlock It in Seconds?

Faculty Achievements

Prof. Ben CHAN Yui-Bun Awarded Michael G. Gale Medal for Distinguished Teaching

Prof. Angela WU Named 2025 Schmidt Polymath

Prof. TU Fengbin Named *MIT Technology Review*'s Innovator Under 35 Asia Pacific 2025

Student & Alumni Achievements

Get-Together with Awardees of AEON Credit Service Scholarships 2025

Two Computer Science and Engineering Undergraduates Won AS Watson Scholarships

Civil Engineering Students Triumphed as Champion at IDEERS 2025

HKIE Scholarships Awarded to Outstanding Engineering Students

Two Civil Engineering Students Received Lo Pan Scholarships 2024/2025 by Hong Kong Construction Association

HKUST Firebird Team Members Won Championship and First Runner-up in the Bay Area Cup – Hong Kong Macao District

HKUST Robotics Team Named Champion in Meituan's 3rd Low-Altitude Economy Intelligent Flight Management Challenge

HKUST Robotics Team Earned Six Awards at 20th National University Students Intelligent Car Race in Shenzhen

Four SENG Alumni and One Current Student Elected HKIE President's Proteges 2025/26

Entrepreneurship

HKUST Engineering Teams Shone at HKUST-SINO One Million Dollar Entrepreneurship Competition 2025

Nine teams comprising School of Engineering faculty members and students received a total of 10 awards—including the top three awards—at the Hong Kong finale of the "HKUST-SINO One Million Dollar Entrepreneurship Competition 2025" on September 30 at the HKUST Clear Water Bay campus.

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