

Cover Story



HKUST Convened Rising Women Engineering Scholars from Around the World

HKUST hosted the Asian Deans' Forum 2026 – The Rising Stars Women in Engineering Workshop from September 13 to 15. The event brought together nearly 50 outstanding early-career women engineering scholars, researchers, and professionals from 14 universities across four continents to examine the transformative impact of AI on engineering education and research.

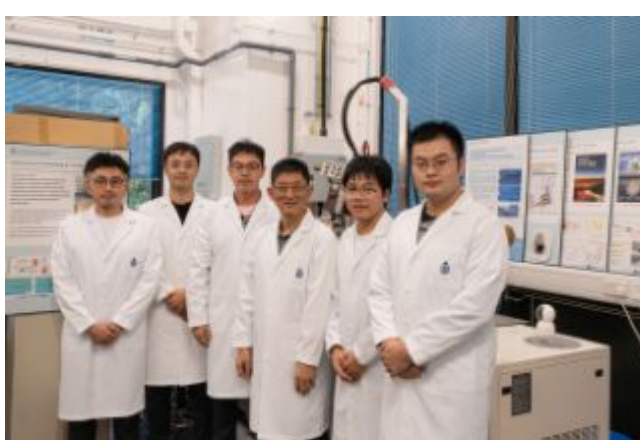
Education



The Next Teaching Move: Guiding Learners in the AI Age

Why do some students learn the same concept so differently? In this thought-provoking article, Prof. QIU Xuan explores how AI can help educators make learning more visible and choose the next teaching move with greater precision.

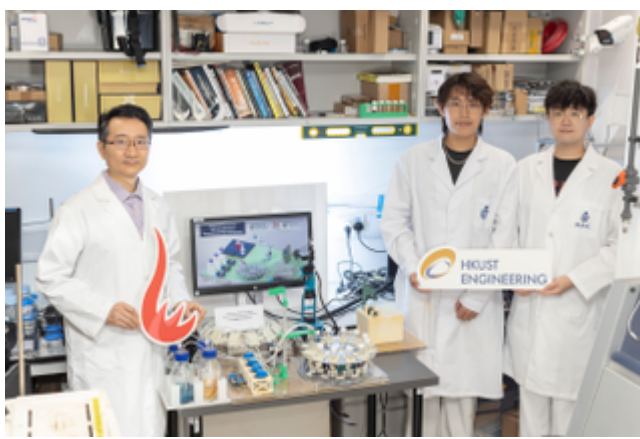
Research



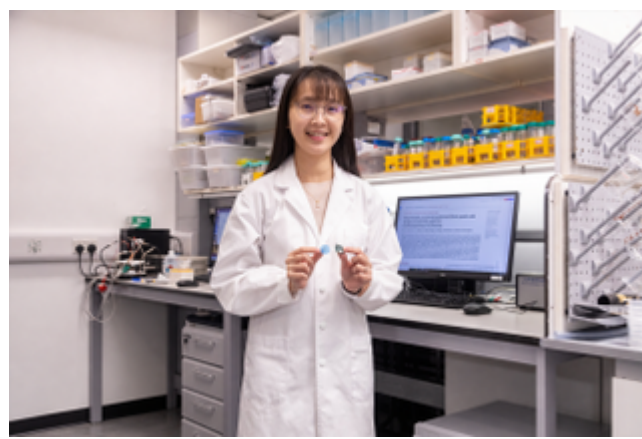
Prof. SUN Qingping's Team Unveiled World's First Zero-Degradation Elastocaloric Cooling Device to Revolutionize Sustainable Refrigeration Technology



Prof. Khaled B. LETAIEF's Team Charted a Roadmap for Agentic 7G AI-Powered Wireless Networks



Prof. YANG Jinglei and Prof. DUAN Molong's Team Developed Optimization Framework for Autonomous Materials Experimentation Platforms



Prof. Hnin Yin Yin NYEIN's Team Developed Breakthrough Liquid-Metal Smart Patch for Clinical-Grade At-Home Cardiorespiratory Monitoring

Development

HKUST and NetDragon Partnered to Establish Medical Technology Professorship

By integrating academic strengths in engineering and medicine, the NetDragon Professorship in Medical Technology will foster scientific breakthroughs in frontier areas of healthcare and public health, further solidifying HKUST's leadership in interdisciplinary research.



Events



HKUST Hosted the "Future of Low Altitude Economy" Forum



International Electrochemistry Summit 2026 Spotlighted AI-Empowered Electrochemical Technologies

Achievements



Prof. XIE Yuan Won 2026 ACM/IEEE A. Richard Newton Technical Impact Award in Electronic Design Automation



Prof. SHAO Minhua Named 2026 Fellow of the International Society of Electrochemistry



Prof. QU Huamin's Team Received IEEE Distinguished Achievement Award in Automation and Engineering Best Paper Award



HKIE Scholarships Awarded to Outstanding Engineering Students



Prof. Dan TSANG Elected Vice-President of International Society of Trace Elements in the Environment



Prof. Jack CHENG's Team Won Four Awards at Construction Industry Council AI Award 2026



CBE TEAM Earned Third Prize in International Smart Remote Chemical Engineering Experiments Competition



Intelligent Racing Team Gained Multiple Honors in Two Major Regional Competitions



Undergraduate Team Clinched Second Runner-Up in IET YPEC 2026 with Advanced Underwater ROV Innovation



VTech Innovation & Sustainability Award Recognized Outstanding Final Year Projects

Community



HKUST Underwater Robot Competition 2026: Inspiring Inclusive iSTEAM Learning and Cross-School Collaboration

The HKUST Underwater Robot Competition 2026, organized by the Center for Global & Community Engagement of the School of Engineering and supported by Wave Future, drew to a successful close with an award presentation ceremony on July 11.