



Event



College of Engineering

The recent College of Engineering retreat brought together the Dean, Associate Deans, Heads of Departments, College Office colleagues, and senior administrative staff of departments. At the retreat, Dean LU introduced the College's new management team and made a presentation covering important topics including faculty recruitment and retention, student admissions overview, revenue generation, and PBPR criteria. Associate Dean Prof Kannie CHAN presented strategies for internationalisation, while Associate Dean Prof LI Minming shared new approaches to enhance undergraduate student quality. The retreat fostered collaboration and highlighted key focus areas for the College's future success.

Faculty Achievement



Department of Mechanical Engineering

Prof Takashi HIBIKI has received a grant of HKD1.67M from Japan's Nuclear Regulation Authority for a project called Improvement of Constitutive Equations for Best Estimate Accident Analysis of Light Water Reactor.

Faculty Achievement



Department of Materials Science and Engineering

Prof Alex JEN has recently published several papers in prestigious journals, including one in *Chemical Reviews*, two in *Nature Communications*, and one in *Nature Energy*.

| Journal | Paper Title |
|------------------------------|---|
| <i>Chemical Reviews</i> | Self-Assembled Monolayers for Interfacial Engineering in Solution-Processed Thin-Film Electronic Devices: Design, Fabrication, and Applications |
| <i>Nature Communications</i> | <ul style="list-style-type: none"> Efficient all-small-molecule organic solar cells processed with non-halogen solvent Mask-inspired moisture-transmitting and durable thermochromic perovskite smart windows |
| <i>Nature Energy</i> | Redox mediator-stabilized wide-bandgap perovskites for monolithic perovskite-organic tandem solar cells |

Faculty Achievement



Department of Computer Science

Prof WANG Jianping's project entitled Integrating Virtual and Real-World Testing Environments for Autonomous Vehicles (AVs) receives over HKD18M from the Smart Traffic Fund. The project aims to combine simulation and mixed-reality technology to create a robust testing system for AVs by evaluating crucial aspects like perception, localisation, and planning capabilities, facilitating extensive AV testing in a controlled environment.

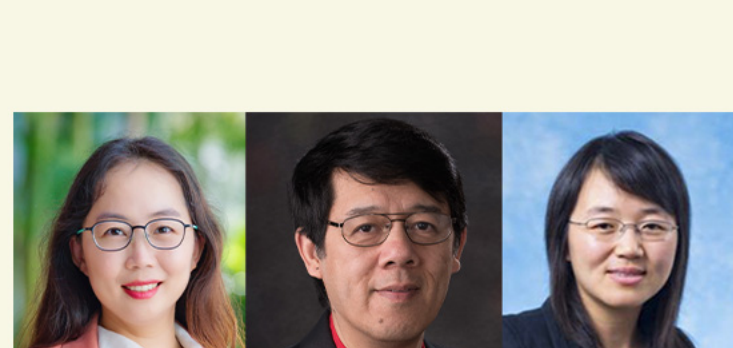
Faculty Achievement



Department of Materials Science and Engineering

Congratulations to Prof Angus YIP for receiving the Hong Kong Engineering Science and Technology Award 2023 in recognition of his accomplishments and contributions to materials science and engineering, particularly on new generation printable solar cell technologies.

Faculty Achievement



Department of Materials Science and Engineering

Prof ZENG Xiaocheng, Prof FAN Jun and Prof LI Yangyang have developed a method to create ceramics with customisable hydration levels and crystallisation traits by mimicking the natural process of biomineralisation. Their findings were published in *Science Advances* under the title From salt water to bioceramics: Mimic nature through pressure-controlled hydration and crystallization.

Faculty Achievement



Department of Mechanical Engineering

Prof ZHANG Jiong has received the Asian Society for Precision Engineering and Nanotechnology (ASPEN) Young Researcher Award. Additionally, he was named the Excellent Supervisor of Innovation and Entrepreneurship in the 9th China International College Students' "Internet+" Innovation and Entrepreneurship Competition while his student mentee received the Silver Prize in the competition.

Faculty Achievement



Department of Biomedical Engineering

Prof ZHANG Yong has received the highly esteemed Global STEM Professorship bestowed upon him by the Government of the Hong Kong Special Administrative Region. The Global STEM Professorship is awarded to accomplished scholars in Science, Technology, Engineering and Mathematics (STEM).

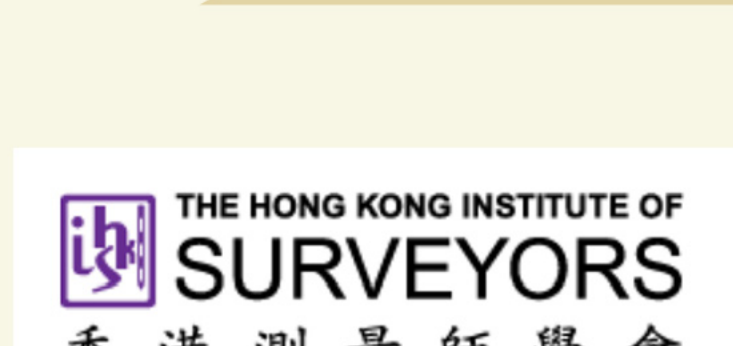
Student Achievement



Department of Computer Science

Mr NG Cheuk Yiu, a second-year computer science student, Mr CHENG Chit Yuen, a student minoring in Computer Science, and 6 other students won the Gold Award under the Trusted AI & Data Science – Student Group Category at the Hong Kong Techathon+ 2024. Furthermore, Mr LABIB Mahir, a third-year computer science student and his team secured a Bronze Award in the Sustainability & ESG - Student Group category.

Alumni Achievement



Department of Architecture and Civil Engineering

Congratulations to the following graduates for winning the Hong Kong Institute of Surveyors (HKIS) Outstanding Final Year Dissertation Awards 2023:

| | |
|-------------------|---|
| Mr LEUNG Man Ho | Top Award (Quantity Surveying) |
| Mr LEUNG Pak Yin | Merit Award (General Practice) |
| Mr Marco KWAN | Finalist (Building Surveying) |
| Mr YICK Ka Ki | Finalist (General Practice) |
| Mr CHENG Wing Hei | Finalist (Property & Facility Management) |
| Mr KONG Ho Wing | Finalist (Property & Facility Management) |

Our applause also goes to PhD graduate Dr LIN Sen for being named a Finalist in the HKIS Outstanding Dissertation/Thesis Awards for postgraduate students for his project titled A Study of Intention to Settle in Construction Dispute Negotiation.