



**Event**



**College of Engineering**

A 5-member delegation from Huawei visited the College in early December 2021. During the visit, the delegation and our faculty members had very fruitful exchanges. Delegation members also had an opportunity to learn about the latest research development in advanced packing technology, 3<sup>rd</sup> and next-generation semiconductors, millimeter-wave and Terahertz research, 3D IC, AI and Security Research and storage technology and non-volatile memory.

**Faculty Achievement**



**College of Engineering**

Prof Tei-Wei KUO was elected Member of the European Academy of Sciences and Arts under the class of Nature Sciences for his outstanding achievements in systems and software designs of non-volatile memory, especially on the flash-memory storage systems.

**Faculty Achievement**



**Department of Materials Science and Engineering**

Prof C T LIU published a paper titled Multicomponent Ni-rich high-entropy alloy toughened with irregular-shaped precipitates and serrated grain boundaries in *ScienceDirect* as the corresponding author.

**Faculty Achievement**



**Department of Computer Science**

Dr Jason XUE was named 2021 Distinguished Member by the Association for Computing Machinery (ACM) for his outstanding scientific contributions to computing. In 2021, the ACM selected 63 academics as Distinguished Members to recognise their accomplishments to advance computing as a science and a profession.

**Faculty Achievement**



**Department of Electrical Engineering**

Prof Hong YAN was elected the National Academy of Inventors Fellow 2021 for demonstrating a highly prolific spirit of innovation in creating or facilitating outstanding inventions that have made a tangible impact on the quality of life, economic development, and welfare of society.

**Faculty Achievement**



**Department of Advanced Design and Systems Engineering**

Dr Inez ZWETSLOOT was selected as one of the "Rising Stars", a member of the 2021 Class of 40 quality professionals under the age of 40, by the Quality Progress and American Society for Quality.

**Student Achievement**



**Department of Computer Science**

2 teams of graduates and students won the Second Prize and the Merit Award respectively in the 7th Hong Kong University Student Innovation and Entrepreneurship Competition.

**Second Prize: Genetic Portrait Platform**  
Miss CHE Lijia, Miss MIAO Xinyao, Miss WANG Xueying, Mr LI Ruikang and Mr QING Yuhao and students from other universities

**Merit Award: Probe-based Pathogen Detection End-System and Cloud Platform**  
Mr GONG Zifan, Mr FENG Yi, Mr QU Yang, Miss LI Shiyong, Dr JIANG Yiqi and Dr LI Yinhu

**Student Achievement**



**Department of Biomedical Engineering**

A team comprising PhD student Mr LAM Wah Shing, undergraduate student Mr NASKAR Shounak and 2 more students from another university, received the Hong Kong ICT Awards 2021: Student Innovation (Tertiary or Above) Silver Award for their project titled "Smart Transfer Robot". The robot, equipped with a fully automatic patient transfer system, is the first product available in the market to solve the lifting-transferring problem in elderly centers, sanatoriums and hospitals.

**Student Achievement**



**Department of Computer Science**

2 teams of graduates and students won the Silver Medal in the 7th China International College Students' "Internet+" Innovation and Entrepreneurship Competition.

**Silver Medal: Deep Immune Platform**  
Miss HUO Miaozhe and Miss WANG Xueying and students from other universities

**Silver Medal: Probe-based Pathogen Detection End-System and Cloud Platform**  
Dr LI Yinhu, Mr FENG Yi, Mr GONG Zifan, Miss LI Shiyong and Dr JIANG Yiqi and students from other universities

**Student Achievement**



**Department of Computer Science**

A project entitled Probe-based Pathogen Detection End-System and Cloud Platform by a team of graduates and students, Dr LI Yinhu, Mr FENG Yi, Mr GONG Zifan, Miss LI Shiyong and Dr JIANG Yiqi, won the Merit Award in the 金灣杯"第八屆"創青春"粵港澳大灣區青年創新創業大賽.

**Student Achievement**



**Department of Advanced Design and Systems Engineering**

Mr SU Zicheng, a PhD student, received the Hong Kong Society for Transportation Studies (HKSTS) Outstanding Student Paper Award 2021 for his work on adaptive transit signal control for bus service reliability via reinforcement learning. The award was established by the HKSTS to recognise and foster excellence in local and international transportation research.

**Student Achievement**



**College of Engineering**

Mr YANG Qihan, a 2021 graduate of BEng in Electronic and Communication Engineering, was selected to receive the College Medal 2021 in recognition of his outstanding academic performance and well-rounded personal qualities.

**Alumni Achievement**



**Department of Electrical Engineering**

Dr DAI Xin, a recent PhD graduate under the supervision of Prof K M LUK, won the Best Student Award in the 2021 IEEE International Workshop on Electromagnetics: Applications and Student Innovation Competition, and the 2021 Cross Strait Radio Science and Wireless Technology Conference.

