



**Issue 16 (February 2021)**

**Event**



**College of Engineering**

The Virtual Graduation Ceremony for the engineering graduates of 2019 and 2020 was broadcast on 3 February 2021. Guest of Honour, Ir Prof YUEN Pak Leung, President of the HK Institution of Engineers spoke to the graduates, encouraging them to keep an open mind for learning and exploration. Congratulations! Classes of 2019 and 2020!

**Faculty Achievement**



**Department of Electrical Engineering**

Prof Evelyn HU, Honorary Professor of EE and the Tarr-Coyne Professor of Applied Physics and Electrical Engineering at Harvard University, received the IEEE/RSE James Clerk Maxwell Medal for her leadership in nanoscale science and engineering, and for seminal contributions to the intersection of semiconductor electronics and photonics.

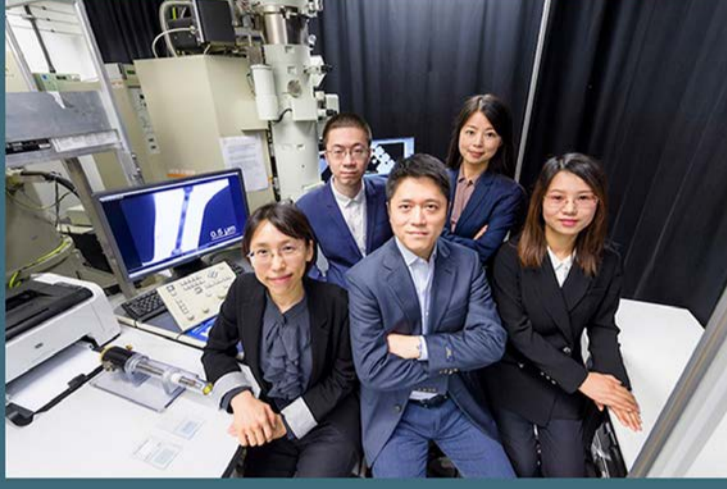
**Faculty Achievement**



**Department of Architecture and Civil Engineering**

Prof Alvin LAI received Research Impact Fund, amounting to HKD6.15M, from the RGC to conduct a project entitled “Rapid Detection and Synergetic Disinfection of Bioaerosols Using Far UVC and Negative Air Ions: Mechanistic and Field Studies”.

**Faculty Achievement**



**Department of Mechanical Engineering**

Dr LU Yang, Dr Alice HU, and their team published a paper entitled "Achieving large uniform tensile elasticity in microfabricated diamond" in *Science*. This is another remarkable paper regarding the properties of diamond in micro/nano scale published by Dr LU Yang and his team.

**Faculty Achievement**



**Department of Computer Science**

Dr Cong WANG was elected Fellow of the Institute of Electrical and Electronics Engineers in the Class of 2021 for his exceptional contributions to security of cloud storage and computation.

**Faculty Achievement**



**Department of Mechanical Engineering**

Prof WANG Zuankai received Collaborative Research Fund, totaling HKD4.8M, from the RGC for his project entitled “A universal solid/liquid-based framework for efficient water energy harvesting”.

**Student Achievement**



**Departments of Biomedical Engineering and Mechanical Engineering**

Albacastor Technology Limited, a start-up founded by Mr Henry LAM, Mr Hugo CHAN, and Mr Peter CHEUNG, won the Community Engagement Award in the Blue Innovation Challenge 2020. The award was to recognize enterprises which provide creative solutions to challenge the status quo of the financial industry.

**Student Achievement**



**Department of Electrical Engineering**

Miss LAM Wing Yan was awarded the First Prize and the Best Innovation Award in the Pan-Pearl River Delta Region IT Project Competition 2020. The winning project entitled “Sign Language Translator with Deep Learning” was supervised by Dr YUAN Yixuan.

**Student Achievement**



**Department of Systems Engineering and Engineering Management**

Mr LUI Chun Fai, a 2020 graduate of Bachelor of Engineering in Systems Engineering and Management, was selected to receive the College Medal 2020 in recognition of his outstanding academic performance and well-rounded personal qualities.

**Alumni Achievement**



**Department of Mechanical Engineering**

PhD graduate Dr CAO Ke, currently Associate Professor at Xidian University, won the 2020 中國新銳科技人物突出成就獎 for his outstanding research achievements on graphene mechanics.

**Alumni Achievement**



**Department of Mechanical Engineering**

Dr LI Jing, a PhD graduate under the supervision of Prof WANG Zuankai, received the HK Young Scientist Award at the 27th Annual Conference of the HK Institution of Science. The award is to reward young scientists and engineers in HK who show great promise in their field of study, with the hope to nurture the growth of science and technology in the region.

