



Faculty achievement



Departments of Architecture and Civil Engineering, Biomedical Engineering, Computer Science, Electrical Engineering, Materials Science and Engineering

Nine faculty members of our College were named the Highly Cited Researchers 2019 based on their work carried out at CityU as the primary or secondary affiliation.

In the 2019 Highly Cited Researchers analysis, Highly Cited Papers are defined as those ranked in the top 1% by citations for field and publication year during 2008-2018 in the Web of Science.

Name	Category
Prof CHEN Guanrong Department of Electrical Engineering	Engineering Mathematics
Prof Paul CHU Departments of Physics and Materials Science & Engineering	Cross-Field
Prof Gary FENG Departments of Biomedical Engineering	Engineering
Prof Alex JEN Departments of Materials Science & Engineering	Materials Science
Prof K M LIEW Departments of Architecture & Civil Engineering	Cross-Field
Prof Andrey ROGACH Departments of Materials Science & Engineering	Cross-Field
Prof WANG Jun Departments of Computer Science	Cross-Field
Prof ZHANG Qingfu Departments of Computer Science	Computer Science
Dr ZHI Chunyi Departments of Materials Science & Engineering	Materials Science

Departments of Biomedical Engineering, Electrical Engineering & Mechanical Engineering

Three young scholars were awarded the 2019 National Natural Science Foundation Excellent Young Scientists Fund (Hong Kong and Macau). The Fund aims to support young scientists with outstanding achievements in basic research to carry out innovative research in fields of their choice, and nurture talent at the global forefront of technology.

Dr LU Yang of the Department of Mechanical Engineering will conduct research on "Micro/Nano-Mechanics". Dr SHEN Yajing of the Department of Biomedical Engineering will undertake a project on "Micro/Nano Robotics", while Dr WANG Cheng of the Department of Electrical Engineering will carry out research on "Integrated photonic devices".



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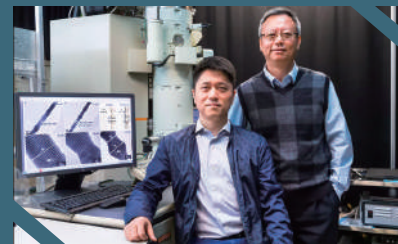
Department of Computer Science

Dr Gerhard Petrus HANCKE received the J David Irwin Early Career Award 2019 from the IEEE Industrial Electronics Society (IES) for research and educational contributions and impact on secure and reliable technology for the industrial Internet-of-Things.



Department of Mechanical Engineering

The new research work on thermal effect and Rayleigh instability of ultrathin 4H hexagonal gold nanoribbons undertaken by Dr LU Yang and Prof ZHANG Hua of the Department of Chemistry in collaboration with the research team of McGill University was published in the Cell Press Sister Journal *Matter*.

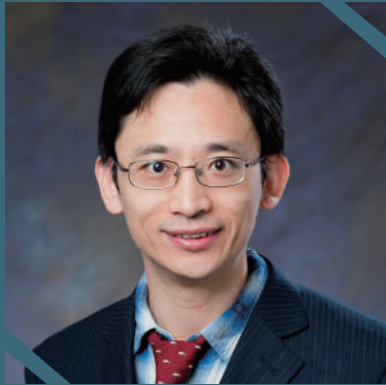


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Department of Architecture and Civil Engineering

Dr LU Yi's paper entitled *The effect of street-level greenery on walking behavior: Evidence from Hong Kong* was named Essential Science Indicators (ESI) Hot Paper for May/June 2019. The paper received enough citations to be in the top 0.1% of papers in the academic field of Social Sciences. Dr LU is the first author and also corresponding author of the paper.

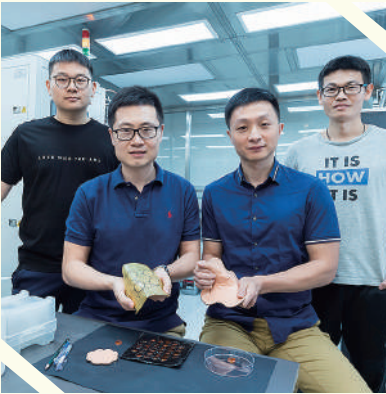
Department of Electrical Engineering

Prof K M LUK, Chair Professor, was conferred the 2019 Prize for Scientific and Technological Progress in the category of electronics and information technology by the Ho Leung Ho Lee Foundation in recognition of his significant contributions to the design and analysis of microstrip antennas, magneto-electric dipole antennas and dielectric resonator antennas.

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Department of Biomedical Engineering

Dr YU Xinge and his team members from Northwestern University have successfully developed a new thin, wireless system that enables users to experience a sense of touch to any virtual reality (VR) experience. The work was published in *Nature*.

Department of Computer Science

Mr HUANG Zixuan and Mr LIANG Qiyuan from the City University of Hong Kong and three other students from Zhejiang University, under the joint supervision of Dr WANG Cong (CityU) and Prof REN Kui (Zhejiang U), won the First Place Award in the "Track 3: Privacy-preserving Machine Learning as a Service on SGX" of the iDASH Privacy & Security Workshop 2019 - Secure Genome Analysis Competition in the US.

Student achievement



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Department of Mechanical Engineering

Miss LI Jing, a PhD graduate, has recently won the Hiwin Doctoral Dissertation Award (Silver Medal), the highest award conferred by the Chinese Society of Mechanical Engineering. She is one of two winners from Hong Kong this year. The winning dissertation is supervised by Prof WANG Zuankai.

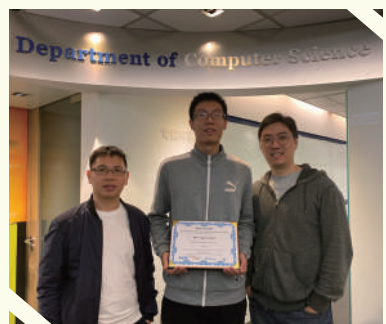
Department of Electrical Engineering

A year-3 student, Mr Nikil SENTHIL KUMAR, and students of The University of Hong Kong and University of Science and Technology, have won the Champion in the J P Morgan Code for Good Challenge 2019. The winning project *A CRM system prototype developed for the NGO - Premier Performances* will be developed further for commercialization.

Student achievement



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Department of Computer Science

PhD student Mr ZENG Zhi, his supervisor Dr Ted CHOW, and PhD graduate Dr ZHANG Jiadong received the Best Paper Award for their co-authored paper *SSN: A Spatial Semantic Network for High-accuracy, Stable and Generalized Intent Detection* in the 5th IEEE International Conference on Big Data Intelligence and Computing 2019.

Departments of Electrical Engineering and Mechanical Engineering

Mr ZHANG Yiqing of the Electrical Engineering Department under the supervision of Dr Alan LAM, and Dr YANG Shaoran and Mr NIU Xuezhi of the Mechanical Engineering Department under the supervision of Dr ZHANG Kaili were awarded the Second Prize at the 16th "Challenge Cup" National College Students' Extra-curricular Academic Science and Technology Contest.

Student achievement

