

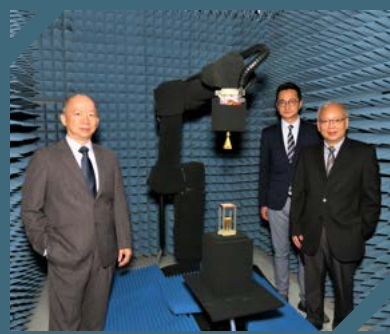


Issue 14 (December 2020)

Faculty achievement

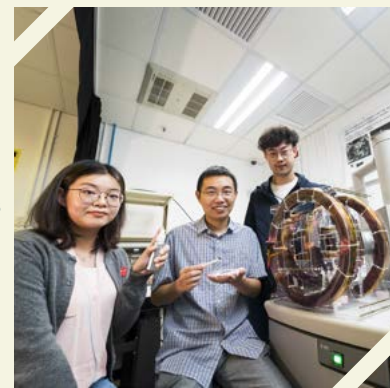
Department of Electrical Engineering

Prof K M LUK, Prof C H CHAN and Dr Steve WONG were awarded RMB1.25 million by the Department of Science and Technology of Guangdong Province to set up the Greater Bay Area Joint Laboratory of Big Data Imaging and Communications, which aims to sustain smart city development in big data, imaging, and communications etc.



Department of Biomedical Engineering

The research findings of Dr SHEN Yajing and his team was published in the scientific journal *Science Robotics*. The title of the article was "An Agglutinate Magnetic Spray Transforms Inanimate Objects into Millirobots for Biomedical Applications".



Faculty achievement

Faculty achievement

Department of Computer Science

Prof TAN Kay Chen received the Andrew P Sage Best Transactions Paper Award 2020 for his co-authored paper "A Generic Deep-Learning-Based Approach for Automated Surface Inspection" published in the IEEE Transactions in Cybernetics in March 2018.



Department of Biomedical Engineering

PhD student Miss LI Xiaoting received the Student Innovation Grand Award and Student Innovation (Post-Graduate) Gold Award of Hong Kong ICT Awards 2020 for the project "Flexible and Wearable Yarn-Based Strain Sensor" under the supervision of Dr King LAI.



Student achievement

Student achievement

Department of Electrical Engineering

PhD students Mr WANG Hao and Miss WEI Yang received the 2nd Runner Up in the IET Young Professionals Exhibition & Competition (YPEC) 2020 – Postgraduate Section. The winning project, supervised by Dr K F TSANG, is titled "A Novel COVID-19 Quarantine Directive: Optimized Dynamic Geofencing".



Department of Architecture and Civil Engineering

Mr WU Chi Kwong was named the Champion (Tertiary Group) in Social Innovation Inventor Design Competition 2019-2020. Organized by World Green Organization (HK Branch), it is a design competition of a prefabricated housing unit for social welfare housing. There were 30 teams joining the competition.

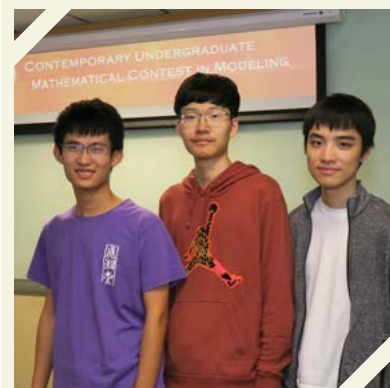


Student achievement

Student achievement

Department of Electrical Engineering

A team comprising Mr YAN Boxun, Mr CHENG Feng, and a student from the Department of Mathematics (MA) won the 2nd Prize in the Contemporary Undergraduate Mathematical Contest in Modeling 2020. The winning project, supervised by Dr HU Xianpeng of the MA Department, is titled "Furnace Temperature Curve Analysis and Optimization".



Department of Electrical Engineering

Mr ZHANG Yiqing won the 12th China Youth Science and Technology Innovation Award (第十二屆中國青少年科技創新獎). The winning project, supervised by Dr Ray CHEUNG and Dr Alan LAM, is titled "Smart Baseball Training System".

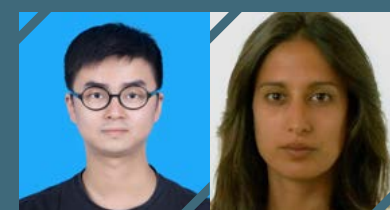


Student achievement

Student achievement

Department of Architecture and Civil Engineering

Mr ZHU Hongliang and Miss Mirna ZORDAN won the Best Paper Award in the category 1 (Urbanization in the Mobile Internet Era) and category 4 (Future City and Design) of the International Forum on Urbanism. The forum gave out six awards and CityU received two of them.



Department of Electrical Engineering

Mr ZHENG Shaomian was awarded the 2nd Prize in the Zhejiang Lab Cup Global AI Competition-Video Generation Challenge 2020. The winning project, supervised by Dr SUN Yanni, is titled "Quadratic Video Interpolation Based on Multiple Discontinuous Frames".



Student achievement