Highly Cited Researcher

Congratulations to Dr Li Gang for being recognized once again as a “Highly Cited Researcher” for the year 2016 by Clarivate Analytics (formerly known as the Intellectual Property and Science Business of Thomson Reuters)! Dr Li, who is among the most influential scientists in his fields, was also on the same Highly Cited Researcher list for 2014 and 2015. It is an annual list recognizing leading researchers in the sciences and social sciences from around the world. As a Highly Cited Researcher for 2016, Dr Li’s academic papers in materials science were among the top 1 percent in terms of total citations for the 11-year period from 2004 to 2014. Our congratulations once again to Dr Li for his great achievement!

President’s Award for Excellent Performance/Achievement 2015/2016 (Research and Scholarly Activities)

We are delighted to share that Prof. Chao Lu won the President’s Award for Excellent Performance/Achievement 2015/2016 (Research and Scholarly Activities) in recognition of his excellent achievements in research! Prof. Lu has performed with distinction in the field of high capacity optical networks. His research focuses include transmission technologies for terabit long haul and short reach optical communication systems and performance monitoring techniques for key parameters of optical networks. Prof. Lu has been successful in all the last four GRF applications and has attracted continuous funding from the Huawei Technologies Co. Ltd. and the National Science Foundation of China. Recently, his research group has also demonstrated a number of new modulation and equalization techniques that have significantly increased the data transmission capacity of short reach optical communication systems.
We are pleased to share that Dr Daniel Lun has been elected a Fellow of The Institution of Engineering and Technology (IET) in December 2016. The IET is one of the world’s largest engineering institutions with over 167,000 members in 150 countries. The IET Fellowship is awarded to individuals who have sustained high levels of achievement through leadership, innovation and professional service at the forefront of engineering and technology disciplines. Congratulations to Dr Lun!

EIE Researcher Receives Multiple Grants on Cybersecurity

Dr Haibo Hu has recently received several research grants from external funding bodies on cybersecurity. As a co-PI specialized in privacy-aware integrity assurance, he has participated in the project “Security and Privacy-enhancing Technologies for Cloud Storage of Big Data”, which is awarded with a collaborative research fund from the RGC worth of HK$ 5.98 million. He has also led the team of academics of PolyU to jointly secure a RMB 2.52 million key project in the Joint Funds of the National Natural Science Foundation of China, with title “Privacy Preservation Techniques for Query Processing in Big Data”. As in the field of mobile security, he has been awarded by the Huawei Innovation Research Program Open a research project entitled “Privacy-Preserving Mobile User Behavior Statistics Collection”. “For students and researchers on cybersecurity”, says Dr Hu, “it is the best of times in terms of funding and job prospects.”

Best 50 Final Year Projects Award of Undergraduate Final Year Project Supporting Scheme 2016/2017

Yi Sha and Zhang Yujia, two BEng in Electronic and Information Engineering programme students supervised by Prof. Chao Lu, won the “Best 50 Final Year Projects Award” of the “Undergraduate Final Year Project Supporting Scheme 2016-2017” held by the Hong Kong X -Tech Startup Platform. The Scheme offers a grant of HK$20,000 for each winning team to support the execution and enhancement of the selected student research projects. The winning project “Library Book-Returning Robot” aims to develop a library book-returning robot that can recognize and locate books with their barcodes and put them back to the original places. It will compete with the other selected projects for the “Best of the Best Final Year Project Award” of the Scheme in July 2017.

Congratulations!
IEEE Virtual Conference on Applications of Commercial Sensors

The final-year project of two BEng in Electronic and Information Engineering programme graduate/student, Lau Siu Bon and Lo Ngai Hung, has been accepted by the IEEE Virtual Conference on Applications of Commercial Sensors (IEEE VCACS) 2016! This virtual conference targets students and young professionals who employ sensors and microprocessors to build working prototypes in their senior design and graduate-level engineering courses. The presentations at this conference describe the problems being addressed and how the design and fabrication of sensors and related technologies were accomplished. The design, schematic, microcontroller code, Q3D files, etc., for the prototypes are also provided for those interested in re-developing or extending their designs. Our goal is to create a community of "innovators" who share information with each other and in the process of which the information sharing has been done in accordance with the IEEE VCACS 2016, please visit http://2016.ieee-vcacs.org.

Mobile App for People with Hearing Impairment

With the support of the PolyU Micro Fund Scheme, our graduate of the BEng in Electronic Engineering Programme, Wen Zhihui, has established a startup and developed a free mobile app “CHEARS-Intelligent Hearing Aid” for hearing impaired people. This app works as good as the traditional hearing aid device by connecting with a smartphone via a wired earphone. Advanced audio processor has been applied in this app for better audio quality. There are also three modes in the app to provide indoor, outdoor and spacious area users the best hearing experience under different noise environments. The app for Android and iOS devices can now be downloaded from the Google Play and Apple Store respectively.
EIE Alumni Gathering cum AAEIE AGM 2016

The EIE Alumni Gathering cum AAEIE AGM 2016 was held by the Alumni Association of Department of Electronic and Information Engineering (AAEIE) at the PolyU Staff Club Restaurant on 9 December 2016 for about 50 alumni and staff members. All of them were happy to catch up with old faces and meet new contacts during the event. The AAEIE also held its Annual General Meeting in this occasion. The following alumni were elected office-bearers of the Executive Committee (2017/2018 - 2019/2020) of the Association:

Chairman : Mr Tse Siu Kei, Dominic
Vice-Chairman : Mr Yiu Ka Ming, Jimmy
Honorary Secretary : Mr Ng Ho Yin, Terry
Honorary Treasurer : Ms Cheng Po Ying, Maggie
Members : Ms Chan Ching Ying, Chloe  
Ms Chan Wing In, Jovi  
Mr Chan Tin Yi, Charlie  
Ms Kwok Yeuk Ting, Olivia  
Mr Lun Tze King Jason  
Mr Tsang Chiu Wing, Chewing  
Mr Tsui Chi Lok, Jason  
Mr Yam Ho Man, Homan  
Mr Yau Man Chuen, Steven

Prawn Fishing and Joint Alumni BBQ Gathering

The Alumni Association of Electronic and Information Engineering (AAEIE), the Alumni Association of Nursing Studies (AANS) and the Hong Kong Community College Alumni Association (HKCCAA) jointly organized a Joint Alumni BBQ Gathering on 21 January 2017 in Lau Fau Shan for more than 30 alumni. The participants enjoyed the barbeque and the prawn fishing activity very much in this reunion.
The Department organized three High Table Dinners for more than 120 undergraduate students in the PolyU Staff Club Restaurant in mid-February 2017. The aim of the High Table Dinner was to provide a unique platform for Year 1 students, academic staff, alumni and industrialists to network with one another, and to share knowledge and experiences in study and career development. This activity could also enhance students’ interpersonal and social etiquette skills. We were honoured to have the following guest speakers from different sectors joining the events:

**BEng in EIE High Table Dinner**

- Ir Sheldon Yau, Senior Vice President, Wireless Networks Planning and Design, HKT, PCCW
- Ir Dr Chow Kit-Man, Corporate General Manager, Automatic Manufacturing Ltd.
- Dr Winnie Chow, Corporation Manager, South China & Asia-Pacific Area Cooperation, Technology Cooperation Department, Huawei Technologies Co. Ltd.
- Mr Andrew Ko, Technical Consultant, Keysight Technologies Co. Ltd.
- Ms Angie Lau, Manager, Human Resources & Administration Department, ITE Smartcard Solutions Ltd.
- Mr Victor Ng, Managing Director, Micom Tech Ltd.
BSc in IMT High Table Dinner

- Dr Alan Lam, Group CEO, Sengital Ltd.
- Dr Charleston Sin, General Manager, VMWare Hong Kong and Macau

BSc in INS High Table Dinner

- Dr Joe Chan, CEO, Advanced Security Technology and Research Laboratory Company Ltd.
- Dr Welland Chu, Regional Sales Director and Certification Director of ISACA, Thales Transport and Security (Hong Kong) Ltd.
- Mr Peter Wu, Director, The Payment Cards Group Ltd.
- Mr Sam Lum, COO, The Payment Cards Group Ltd.
- Ms Beatrice Tai, Project Manager, The Payment Cards Group Ltd.
- Ms Ida Mok, Vice President, Human Resources, HKT
About 50 students from the Tseung Kwan O Government Secondary School paid a visit to PolyU on 10 February 2017. After attending a programme talk organized by the University, the students joined an introduction session of the “EIE Robotic Challenge Junior 2017: Robot Hunter” held by Dr Lawrence Cheung to learn more about this competition and the robot design technology. They also visited the Interactive Multimedia Laboratory to experience our student projects on 3D motion capture unit and different kind of transportation simulators.

A delegation of 33 staff and students from the University of Electronic Science and Technology of China visited the Department on 17 February 2017. They were received by Prof. Francis Lau and Prof. Chao Lu with an introduction on the EIE postgraduate programmes. Our research student, Mr Xue Tianbo, also shared his learning and living experience in PolyU and Hong Kong with the visitors. The delegates toured the Microfabrication Laboratory and the Optical Communications and Networking Research Laboratory at the end of the visit.