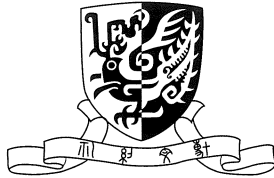


香港中文大學 工程學院

The Chinese University of Hong Kong
FACULTY OF ENGINEERING

Annual
awards
PRESENTATION

FEBRUARY 20, 2016



The Chinese University of Hong Kong
Faculty of Engineering

Annual Awards Presentation 2016 cum 25th Anniversary Kick-off Ceremony

Date: 20 February 2016 (Saturday)

Time: 10:30 am – 12:00 noon

Venue: T. Y. Wong Hall, 5/F, Ho Sin Hang Engineering Building

PROGRAMME

Playing of National Anthem

Welcome Address by Professor WONG Ching Ping

Dean, Faculty of Engineering, CUHK

Address by Professor WONG Kam Fai

Associate Dean (External Affairs), Faculty of Engineering, CUHK

Speech by Mr. CHAN Siu Hung, JP

Managing Director - China, CLP Holdings Limited

Presentation of Awards:

- | | |
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| • Dean's Exemplary Teaching Awards | Presented by Mr. CHAN Siu Hung, JP |
| • Outstanding Tutors Awards | Presented by Mr. CHAN Siu Hung, JP |
| • Research Excellence Award | Presented by Mr. CHAN Siu Hung, JP |
| • Outstanding Thesis Awards | Presented by Mr. CHAN Siu Hung, JP |
| • Faculty Service Awards | Presented by Mr. CHAN Siu Hung, JP |
| • Dean's List for MSc Graduates | Presented by Professor WONG Ching Ping |
| • Dean's List for Undergraduate Students | Presented by Professor WONG Ching Ping |
| • 25th Anniversary Logo Design Champion | Presented by Professor WONG Kam Fai |
| • ASM Pacific Technology Scholarship | Presented by
Mr. LEE Wai Kwong
<i>Chief Executive Officer, ASM Pacific Technology Ltd.</i> |

Playing of Video of CUHK Engineering

Tea Reception

Words from the Dean



I am heartened to see the continued success that the Faculty has made over the past years with the unlimited support from our teachers, students, alumni and industry. I would like to thank you for our outstanding teachers and tutors, who nurture and train up our students; our top-notch researchers, who help us to attain such excellent international reputation and breakthroughs in science and

technology; our alumni, who provide on-going support to our faculty; the industry, who supports our research.

The road to success maybe long and involves many small steps. It is hard but achievable. I recalled from the commencement address delivered by Steve Jobs at Harvard University in 2005. He said, "Sometimes life hits you in the head with a brick. Don't lose faith. I'm convinced that the only thing that kept me going was that I loved what I did. You've got to find what you love." As what he has mentioned, faith in your heart is important. Get prepared to meet the challenges and opportunities in the future. I am confident that my faculty members and students are ready to solve the new challenges and pursue the same goal as mine.

This year we are pleased to have invited Mr. Chan Siu Hung, JP, Managing Director of China of CLP Holdings Limited to be our Guest of Honour. Mr. Chan is a successful leader and role model that we can learn from. I would also like to express my heartfelt gratitude to ASM Pacific Technology Ltd. who donated scholarships to our faculty to encourage academic excellence and innovation. Last but not least, congratulations to all the winners of the prestigious awards.

C.P. Wong
Dean of Engineering

Profile of Guest of Honour



Mr. Chan Siu Hung, JP

陳紹雄先生 太平紳士

**Managing Director – China
CLP Holdings Limited**

中國區總裁—中電控股有限公司

Mr. S.H. Chan is a senior executive of the public listed company CLP Holdings Limited (Hong Kong Stock Exchange: 0002) and is a member of the CLP Group Executive Committee.

Mr. Chan holds the title of Managing Director – China of CLP Holdings. He is responsible for CLP's China business with over 40 energy projects across 15 provinces, encompassing a wide range of technologies from nuclear, coal, hydro, wind to solar energy with a total equity generating capacity and energy purchase capacity of over 8,000 megawatts.

Mr. Chan serves as the board director of over 50 subsidiary or affiliated companies of the CLP Group in Hong Kong and the Mainland. He also serves as the board chairman of a number of the above companies which are either wholly-owned or majority controlled by CLP.

Mr. Chan holds an MSc degree in Electricity Industry Management and Technology from the University of Strathclyde (UK) and a BSc degree in electrical engineering from the University of Hong Kong.

He joined CLP Power Hong Kong (a subsidiary company of the CLP Holdings) in 1981. Since then he had held various management positions in a wide range of functional areas in the electricity supply industry's design, operations, maintenance, construction,

commissioning, asset management, corporate strategy and planning and corporate development.

Mr. Chan is appointed as the Justice of the Peace by the Hong Kong Special Administrative Region Government. He is currently a member of the Construction Industry Council and is serving as the Convener of the Risk Communication Advisory Group of the Centre for Health Protection under the Government's Department of Health.

He served as a member of the Government's Council for Sustainable Development between 2009 and 2015, a member of the Expert Advisory Panel on the Review of Daya Bay Contingency Plan between 2011 and 2012, a member of the Pan-Pearl River Delta Panel of the Central Policy Unit (CPU) between 2008 and 2010, a member of the Advisory Panel on the Review of Hong Kong's Air Quality Objectives between 2007 and 2009, a member of Commission on Strategic Development between 2005 and 2007, and a part-time member of the CPU between 2002 and 2004.

In the Mainland, Mr. Chan is appointed as a member of the 11th Guangdong Provincial Committee of the Chinese People's Political Consultative Conference.

Mr. Chan is currently the Chairman of the Advisory Committee of the Mechanical and Automation Engineering of the Chinese University of Hong Kong, and a member of the Advisory Committee of the Electrical and Electronic Engineering of the University of Hong Kong. He is also a member of the Court of the City University of Hong Kong and is an Adjunct Professor of its Department of Mechanical and Biomedical Engineering.

In the professional and trade industries, Mr. Chan is currently a corporate member of the Hong Kong Institution of Engineers, a Chartered Engineer of the Engineering Council of the UK, a corporate member of the Institution of Engineering and Technology (UK), a Founding Member and the Vice Chairman of the Hong Kong Professional and Senior Executives Association, a Founding Member and the Vice Chairman of the Hong Kong Strategy Association, a member of the China Committee of the Hong Kong General Chamber of Commerce, and a member of the Mainland Business Advisory Committee of the Hong Kong Trade Development Council.

Dean's Exemplary Teaching Awards 2015

Professor LEE Ho Man Jimmy (李浩文)

Computer Science & Engineering Department

Jimmy Lee considers teaching the prime duty of an academic. Research has as goal to push forward the knowledge frontier, but is also a means to supplement teaching and education activities. The goal of university teaching, after all, is to enable students to become independent learners. Teachers should act more as a facilitator than a knowledge provider. Jimmy insists on consistency and persistence, as students can tell the occasional performers from those teaching with heart. Good teaching does not compromise: Jimmy maintains high standards, and students are the ones to benefit at the end of the day.

Professor MAK Fuk Tat Arthur (麥福達)

Electronic Engineering Department

I have been teaching biomechanics for more than 30 years. I often start my first class with a life scenario – if one has a painful hip, which side would he bend towards while walking, to the painful side or to the sound side? I ask for a show of hands. Often over 90% of the class would vote for bending towards the sound side, mostly based on their assumption that the person should bend towards the sound side to reduce the load on the painful hip. But in real life, we all would subconsciously do just the opposite, and rightfully so, against this assumption. This time, the subconscious we know even better than the conscious us, in terms of Newton's Laws. I then show my students how their particular assumption should be corrected, and how Newton's Laws can help them. Engineers need good intuition in many practical situations. But engineering intuition should be more than simple-minded assumptions. Our intuition needs to be properly developed and informed by solid learning. Jokingly I tell my students that they are now paying tuition to develop their intuition. This keeps my students motivated, at least for a while. Then I would tell another life scenario involving biomechanics. There are many good examples to illustrate how well we have been designed biomechanically for life, even life with a painful hip.

Dr. HUI Ka Yu William (許嘉宇)

Information Engineering Department

Theory and practice are two essential aspects of engineering education. Dr. Hui believes that in many subjects, careful interleaving of theoretical training and hands-on practice would provide a more complete education for our students. More importantly, it would provide anchor points for students with different strengths, and the diversity of activities ensures students get a sense of participation in each week of the course. He often tells students in class that learning to become a good engineer is very similar to learning to become a good swimmer. You won't go far crawling in the water like an animal, but reading all the books on swimming without getting wet will not do you much good either.

Professor YAM Yeung (任揚)

Mechanical & Automation Engineering Department

Knowledge comes in different levels. Take the example of an equation, the basic level may be characterized by knowing how to plug in the values of some variables in order to obtain the values of other variables. The next level is that students understand that an equation is a relation between physical parameters, each with its own definition and unit, and the units must be consistent on both sides. The next level is that students realize that an equation is actually a description of a phenomenon, and they are able to visualize in their minds the physical scenario represented by the equation. Yet the next higher level is that students are able to conceptualize the phenomenon behind the equation and to extend its implications in different directions and context. The number and characterization of the different levels vary among subjects and teachers for sure. Nevertheless, a good teacher must strive to elevate the understanding of his/her students to the next higher level, regardless of where they stand at the beginning.

Professor SO Man Cho Anthony (蘇文藻)

Systems Engineering & Engineering Management Department

For a teacher, seeing students engaged in lectures and become more confident in taking on challenges can be a very rewarding experience. This would in turn encourage the teacher to become even better at teaching. In order to have such a positive feedback cycle, a carefully designed teaching plan is indispensable. In his teaching, Professor So finds that many engineering students have difficulty in applying the tools from their foundation courses to solve practical problems. Therefore, he strives to incorporate many real-life (and fun) examples in his lectures. Such examples not only help to arouse students' interest in learning but also allow them to see the entire process of mathematical modelling, analysis, and implementation. Through this approach, students are often able to internalize the techniques they learned and even look forward to tackling other challenges on their own.

Outstanding Tutors Awards 2015

Mr. YIP Kit Sang Danny (葉傑生)

Computer Science & Engineering Department

Mr. Yip Kit Sang Danny received both his BSc in Computer Science, CUHK and MPhil in Computer Science & Engineering Department, CUHK. He is now a third year PhD student. Danny has served as the tutor of five courses, with very positive feedback received from both the students and the instructors during his past four years of teaching. He is responsive to students' questions and informative and supportive to various backgrounds of students. His outstanding teaching performance is commendable.

Miss HO Lok Wai Cola (何樂為)

Electronic Engineering Department

Miss Ho Lok Wai Cola is a second-year PhD student in biomedical engineering. She served as a tutor for two courses in the academic year 2014/15, including Biomolecular Engineering (BMEG4510) and Bionanotechnology (BMEG4450).

"I am absolutely delighted and honoured to be nominated for this prestigious award," Miss Ho said. "As one of the local Hong Kong postgraduate students, I believe that I possess an immense responsibility to offer a more interactive learning atmosphere to my undergraduate students. Not only do I wish to tutor my students on course materials, but also I hope to encourage more Hong Kong undergraduates to consider a career in science and engineering after they graduate." Miss Ho will continue to help the undergraduate students realize their potential.

Miss Ho sincerely thanks all her students for giving her a pleasurable tutoring experience, which reinforces her determination to pursue a higher degree in biomedical engineering. Above all, she would like to give her heartfelt thanks to Prof. Jonathan Choi Chung Hang, her PhD supervisor as well as the instructor of the two courses. As a passionate educator, Prof. Choi has stimulated Miss Ho to use an animated and eloquent lecturing style to teach the tutorial classes, and making the complex engineering topics more comprehensible to undergraduate students without compromising their scientific rigor.

Mr. TAHERNIA Mehrdad

Information Engineering Department

Mr. Tahernia Mehrdad is currently a 2nd year PhD student. He is one of the most dedicated TA that we have come across at CUHK. He is highly rated by the students as well as the instructors of the faculty foundation course, Physics II. It is a well-known fact that CTE for foundation courses are typically lower than other courses. Yet, Mehrdad was a TA with the most highly rated CTE. He was appointed as the head TA for the course. He was an excellent coordinator among all TAs, making sure that exams across different sessions were synchronized and that TAs perform their jobs on time. He even went to the extent of regrading some of the homework graded by other TAs because he found that not enough details were provided in the grading. His dedication and passion for teaching is greatly appreciated.

Miss LEUNG Yun Yee Esther (梁潤誼)
Mechanical & Automation Engineering Department

Miss Leung Yun Yee Esther received BEng degree in Mechanical & Automation Engineering, CUHK and now she is a second year MPhil student. She has great passion in both research and teaching. She provides assistance to students during the laboratory session and project. As a graduate from our department, she understands students' difficulties and is often able to help students overcome their problems. She has good communication skills and is willing to discuss with the students to help them study more efficiently. She always listens to her students and responds to what they do not know or do not understand. Her efforts were well-recognized by her students and have gained her top rating from students in every semesters. Her outstanding teaching performance is commendable.

Professor YANG Chaolin (楊超林)
Systems Engineering & Engineering Management Department

Professor Yang Chaolin joined the Systems Engineering & Engineering Management PhD programme in August 2011 and he has been granted the PhD degree in 2015. He is currently an assistant professor at the Shanghai University of Finance and Economics. During his time at CUHK, he was found very seriously on his tutoring responsibilities. He was always well prepared for his tutorials and presented teaching materials clearly and effectively. He also managed to grade students' works timely and fairly. He valued students very much and was very patient in answering student questions. In an MSc course, TAs have to run labs every other week teaching MSc students who might have been away from school for a long time. Chaolin was methodical and patient. It was an even tougher assignment for him to tutor in another new undergraduate course offering for the new energy programme on energy economics, a topic far from his research area. Chaolin was very dedicated, attending every lecture and learning the material very well. Students in the energy course found his tutorial very well-organized, his explanations clear and his attitude very helpful. Given the research pressures placed on PhD students, the course teacher was particularly impressed and grateful that Chaolin took his TA duties very seriously and went the extra mile to learn about a new field to help students. The aforementioned explain why Chaolin was very much liked by his students and consistently rated highly in course evaluations.

Research Excellence Award 2014-15

Professor XU Jianbin (許建斌)

Electronic Engineering Department

Dr. Xu received his BSc and MSc from Nanjing University in 1983 and 1986, respectively, in Physics and Information Physics, under the supervision of Prof. Shu-yi Zhang (Member of CAS). Since early 1988, he was privileged to study at the University of Konstanz (an elite university), particularly under the supervision of Prof. Klaus Dransfeld (Member of German NAS). His doctoral dissertation was focused on the nanoscopic energy transfer and heat transport associated with electronic processes. He earned his doctorate (Dr. rer. nat.) in 1993. Afterwards, he joined the Electronic Engineering Department, The Chinese University of Hong Kong (CUHK).

Since 2002, Dr. Xu has been promoted to full professor in the Electronic Engineering Department, CUHK. Meanwhile, he has been entitled “Cheung Kong Scholar” Chair Professor tenable to Nanjing University and Visiting Professor at several mainland universities and Shenzhen Institutes of Advanced Technology (SIAT), CAS. He has been engaged in research on nanoscience and nanotechnology, physical electronics and electronic materials. He has made numerous significant contributions to nanoscopic characterization techniques, nanoscopic heat transport, functional oxides, organic semiconductors, fabrication and device physics of graphene and other 2D materials, as well as advanced photovoltaic technologies. In particular, he is a front runner in the experimental study of nanoscopic heat transfer, the study of epitaxial film morphology by AFM with monoatomic step vertical resolution, the mechanistic understanding of electronic spin in doped semiconducting zinc oxides and electronic transport in organic semiconductors on a molecular scale, the hybrid graphene/silicon photodetector with ultrahigh sensitivity. To date he has published c.a. 300 SCI refereed journal papers.

Dr. Xu is an elected Fellow of Hong Kong Institution of Engineers, Senior Member of IEEE, Member of American Physical Society and Materials Research Society. Currently, he is the Secretary of Hong Kong Materials Research Society, the Council Member of Chinese Vacuum Society (CVS). He has served as Member of Advisory Committee, Program Committee or Symposium Chair in various primary national and international topic conferences, including MRS, ICMAT, and ChinaNano, etc., and delivered over 100 invited talks. So far, he serves as a designated reviewer for more than 30 professional journals, including top-tier journals such as *Nature*-offspring research journals, *JACS*, *Advanced Materials*, etc. As a Principal Investigator (PI), he has secured and accomplished near 30 research projects in total amount over 22 million HK\$ from both Hong Kong Research Grants Council (RGC) and the National Natural Science Foundation of China (NSFC). Meanwhile, as one of Co-PIs, he is instrumental in establishing and executing the projects entitled “Smart Solar Energy Harvesting, Storage, and Utilization” (60.33 M HK\$) under Theme-based Research Scheme in 2013, and “Advanced Electronic Packaging Materials Innovation Team” at SIAT (54 M RMB) under Innovative Research Team Program by Guangdong Provincial Government in 2012, respectively.

Since 2007 he has been Director of Materials Science and Technology Research Center (MSTRC) in CUHK. Since 2011, he has served as Convener of Strategic Initiative for Nano, Energy, and Materials in CUHK. In 2014 year, he has been awarded the Vice-Chancellor’s Outstanding Fellow of the Faculty of Engineering, and very recently the Research Excellence Award. Meanwhile, Dr. Xu along with his collaborator and their research teams have won the Higher Education Outstanding Scientific Research Output Awards (Science and Technology, 2nd Class) 2014 from the Ministry of Education, China.

Outstanding Thesis Awards 2014

Winner: Mr. HU Pili (胡辟礫)

Information Engineering Department

MPhil thesis entitled “Decentralized Social Networks – Systems and Algorithms”

Supervisor: Professor LAU Wing Cheong (劉永昌)

Abstract of Mr. Hu’s Thesis:

Social Networking Service (SNS) has become an essential part of human life nowadays. Current planet-scale services are all centralized for the ease of system implementation and good performance. In recent years, there has been an increasing concern from users regarding data privacy and service availability. Decentralized Social Network (DSN) arises as the solution to those problems. This thesis approaches an incrementally deployable DSN with initial studies on system and algorithm aspects.

Despite numerous trials from academics and industry, we observe that user migration is the biggest practical challenge in launching and growing a DSN because there might be social connection loss when adopting those new DSN systems. We propose a Meta Social Networking approach: Unifying and integrating existing SNS instead of trying to build yet another stand-alone DSN. A middleware is built to provide a common interface of different social networks, as well as some conventional communication channels like RSS and Email. Trace-driven emulation on PlanetLab shows the proposal can support a medium sized DSN and grow it incrementally in real Internet environment.

Note that users are now already consciously or subconsciously stitching different social networks via manual message forwarding, forming a semi-automatic Meta Social Network. On top of the cross-platform middleware, we built a light-weight ranking framework called Rank Preserving Regression. It learns a model from user tagging and provides a re-ranked timeline, so that users can be more efficient in identifying and disseminating information in a cross-platform manner.

Assuming that a DSN is eventually formed, next natural question is what graph mining algorithms can be implemented. This is important for the support of some common social networking features like friend recommendation/ discovery. Algorithms developed under centralized scenarios cannot be directly used due to data limitation and privacy concern. We study the classical community detection problem. In the first work, we focus on a single node who can see 2-hop away and shows that it is possible to detect community for some neighbours with this local topology. In the second work, we assume every node knows only 1-hop topology, i.e. the node’s own friend list, and shows that it is possible to collectively detect communities with good accuracy in a privacy-preserving way.

Winner: Dr. GUO Siyao (郭斯瑶)

Computer Science & Engineering Department

PhD thesis entitled “Low Complexity Cryptographic Primitives and Protocols”

Supervisor: Professor BOGDANOV Andrej

Abstract of Dr. Guo’s Thesis:

We study the implementation complexity of several cryptographic primitives and protocols. To this end, we design highly parallelizable cryptographic primitives and highly efficient cryptographic protocols with low interaction. Specifically, they are

Weak Pseudorandom Functions Candidate in $AC^0 \circ MOD2$. Pseudorandom functions (PRFs) play a fundamental role in symmetric-key cryptography. However, they are inherently complex and cannot be implemented in the class $AC^0(MOD2)$. Weak pseudorandom functions (weak PRFs) do not suffer from this complexity limitation, yet they suffice for many cryptographic applications. We study the minimal complexity requirements for constructing weak PRFs.

We conjecture that the function family $F_A(x) = g(Ax)$, where A is a random square $GF(2)$ matrix and g is a carefully chosen function of constant depth, is a weak PRF. In support of our conjecture, we show that functions in this family are inapproximable by $GF(2)$ polynomials and do not correlate with any fixed Boolean function family of subexponential size. We study the class $AC^0 \circ MOD2$ that captures the complexity of our construction. We conjecture that all functions in this class have a Fourier coefficient of magnitude $\exp(-\text{polylog } n)$ and prove this conjecture in the case when the $MOD2$ function is typical. We investigate the relation between the hardness of learning noisy parities and the existence of weak PRFs in $AC^0 \circ MOD2$.

We argue that such a complexity-driven approach can play a role in bridging the gap between the theory and practice of cryptography.

Sparse Extractors Families for All the Entropy. We initiate a study of the input and output locality of randomness extractors. In particular, we consider the problem of extracting the entropy by sparse transformations, namely functions with a small number of overall input-output dependencies. In contrast to previous works, we seek extractors for essentially all the entropy without any assumption on the underlying distribution beyond a min-entropy requirement.

We give two simple constructions of sparse extractor families. For strong extractor families (i.e., functions in the family do not take additional randomness) we give upper and lower bounds on the sparsity that are tight up to a constant factor for a wide range of min-entropies. We then prove that for some min-entropies weak extractor families can achieve better sparsity.

We show applications of sparse extractor families to cryptography. More generally, sparse extractor families can be used in lieu of pairwise independence in various randomized or nonuniform settings where sparsity or preserving locality (i.e., parallelism) is of interest.

Single Round Rational Delegation with Sublinear Verification. Rational proofs, recently introduced by Azar and Micali (STOC 2012), are a variant of interactive proofs in which the prover is neither honest nor malicious, but rather rational. The advantage of rational proofs over their classical counterparts is that they allow for extremely low communication and verification time. Azar and Micali demonstrated their potential by giving a one message rational proof for #SAT, in which the verifier runs in time $O(n)$, where n denotes the instance size.

We give two straightforward “scaled down” versions of the Azar-Micali protocols to lower classes. For the class NP, we obtain low communication non-interactive rational proofs with $O(n)$ verification. For a (quite rich) class of search problems computable by log-space uniform threshold circuits of depth $d = o(n)$, we obtain interactive rational protocols that are $\tilde{O}(d)$ (i.e. sublinear) time verifiable. In particular, by considering the prover is additionally restricted to be computationally bounded, the interactive rational protocols for the class NC^1 , of search problem computable by log-space uniform circuits of $O(\log n)$ depth, can be converted into rational protocols that are simultaneously one-round and sublinear verifiable.

The low interaction nature of these protocols, along with their sublinear verification time, make them well suited for delegation of computation. While they provide a weaker (yet arguably meaningful) guarantee of soundness, they compare favorably with each of the known delegation schemes in at least one aspect. They are simple, rely on standard complexity hardness assumptions, provide a correctness guarantee for all instances, and do not require preprocessing.

Faculty Service Awards 2015

The Faculty Service Awards are presented to the following staff members in appreciation of their dedication and substantial efforts in serving the Faculty and the departments in the past years:

Professor CHENG Kwok Keung Michael (鄭國強)

Faculty of Engineering

An enthusiastic teacher, Michael is the first Chief-editor of ENGAGE, a newsletter that inspires young readers to learn more about advanced technologies, and the latest news of the Faculty, achievements of staff and students as well as student sharing each issue. Since 2003, he has been serving the editorial board of ENGAGE, and has made significant contributions in promoting the Faculty to the secondary education sector. He is also appointed Chairman of the Faculty Undergraduate Summer Research Internship from 2012 to 2015, driving the Faculty towards academic excellence by enhancing students' exposure in engineering labs. His strong leadership and passion in preparing students to take part in R&D projects in their early years of study, and to become future technologists and entrepreneurs is proven successful with continuously increasing number of participants over the past few years. His valuable contributions to the development of the Faculty have bestowed him the Faculty Service Award.

Ms. CHAN Po Yuk Senny (陳寶玉)

Electronic Engineering Department

Senny has been serving in the Electronic Engineering Department as General Clerk since 1993. Her main responsibility is to support the undergraduate student matters, especially on the examination arrangement. Besides, she has assisted the Department to maintain the updated research publication records and coordinate the Departmental activities.

Senny is an independent, reliable and responsible staff, with excellent working attitude. She is always eager to help and received high recognition from academic staff on her high-quality work. Despite the big changes under the new 3-3-4 curriculum, Senny can adapt to the fast-paced environment and provide professional service to the staff and students as usual.

In addition to her working performance, Senny is also a very good team members and willing to provide guidance to new colleagues. In light of her prominent performance, Senny is definitely an invaluable member of the Department, and she deserves the recognition of the Faculty Service Award.

Mr. YICK Wing Chak Warren (易永澤)

Information Engineering Department

Warren has been a Technician in the Information Engineering Department since 2010. In 2014-15, the Hardware Team of IE Department was in charge of a project of ENGG1100 and Warren helped the design program of the "PET-BALL" that was regarded as a high-quality lab project and had drawn much interest and attention. Over the summer of 2015, upon the request from Faculty office to offer a project for the summer camp, he had spent great efforts to redesign and shorten the program to fit the level of high school students. This was a challenging task that provided a good training to a group of 70+ high school students on programming skill within 10 intensive laboratory hours. He

demonstrated utmost professionalism and dedication in this effort. We are glad to see the positive feedback that most of the students enjoyed working on the project and participating in the keen competition. In the second term of 2014-15, because of the revamp of our microprocessor course, the laboratory components were totally redesigned. He spent a lot of time in helping refine all the lab units. The results were very positive that students really enjoyed the use of new and much more powerful ARM Cortex-M processor to create something more interesting and exciting.

Throughout the years Warren has made significant contributions to the Laboratory courses by providing crucial hands-on training to our undergraduate students. Warren also actively participated in the development of laboratory courses and workshops training to our undergraduate students. Staff and students are impressed by his diligent and helpful attitudes. As he was our own graduate, he understands students' needs very well and can provide suitable and timely support to our students. Therefore it is not surprising that he can maintain very good relationship with the undergraduate students. He is truly a valuable member of the department, and the faculty.

Mr. LAU Chun Hung Thomas (劉振雄)

Mechanical & Automation Engineering Department

Mr. Thomas Lau has been an Assistant Computer Officer in the Mechanical & Automation Engineering Department since 2004. He leads a small computing team with two subordinates. His responsibilities include the computing team budgeting; the design & implementation of networking and system which provides a cost effective and timely system for teaching and research application; technical support to Department PC/research Labs and events; maintenance for door access system and surveillance system; development & maintenance on content management system for Department website and intranet, such as final year project selection and paper submission systems. Mr. Lau is a responsible, self-motivated, and hard-working member in the Department. His professional knowledge in computing and self-learning attitude on new computing technology provides a reliable and timely support for the Department. He has a very good relationship with our staff and students because he is always eager to help them, cooperate with them to make things done even tackled some non-technical difficulties. He truly deserves the recognition of the Faculty Service Award.

Mrs. WONG HO Shuk Chun Monica (王何淑珍)

Systems Engineering & Engineering Management Department

The Systems Engineering & Engineering Management Department is delighted to nominate Mrs. Monica Wong for the Faculty Service Award 2015. Monica has served as the department's Executive Assistant for over two decades. She is very diligent and devoted, not only in overseeing that proper administrative procedures are followed in compliance with University's guidelines, but also in staying abreast of the diversified and rapid transformations in many workflows and systems. She is keen and capable in identifying issues that arise and addressing them appropriately. She is a proactive and careful planner and manages the multitude of departmental activities with smoothness and efficiency. She ensures that administrative processes are implemented in a fair and orderly manner, and in this way protects the interests of the department, its faculty and students. The department is very appreciative of Monica's contributions over the year and considers her most deserving of the Award.

Dean's List for MSc Students 2014-2015

The following MSc students who have graduated in 2014-2015 have achieved a cumulative GPA of 3.6 or above and are placed on the Dean's List:

BAI Yangyang (白陽揚) Systems Engineering & Engineering Management	LI Xianzhi (李賢芝) Biomedical Engineering	TSUI Kwan Pang (徐鈞朋) Mechanical & Automation Engineering
CHAN Ka Hei (陳嘉瑋) Biomedical Engineering	LI Yuxue (李玉雪) Systems Engineering & Engineering Management	YANG Zhaotong (楊照通) Computer Science
CHAN Leung Ting (陳亮霆) Computer Science	LIN Bingbing (林冰冰) Computer Science	YIU King Lun (姚經綸) Computer Science
CHEN Kaidi (陳楷迪) Systems Engineering & Engineering Management	LO Ngai Yin (盧毅然) Information Engineering	ZENG Zhe (曾哲) Biomedical Engineering
CHIN Wing Yin (錢穎賢) Computer Science	LU Kaifu (盧開甫) E-Commerce & Logistics Technologies	ZHANG Xun (張珣) Computer Science
CHOW Chi Yue (周之裕) Computer Science	LYU Yuanhao (呂元豪) Mechanical & Automation Engineering	ZHAO Pengcheng (趙鵬程) Systems Engineering & Engineering Management
DANG Zhihong (党智宏) Systems Engineering & Engineering Management	MA Yuanzhe (馬元喆) Systems Engineering & Engineering Management	ZHENG Shile (鄭詩樂) Information Engineering
FAN Weibin (范煒彬) Information Engineering	MAO Yukun (毛昱焜) Information Engineering	ZHONG Fangxun (鍾仿洵) Mechanical & Automation Engineering
HO Sin Ki (何倩琪) Biomedical Engineering	NG Kwok Fai (吳國輝) Computer Science	ZHONG Hua (鍾樺) Mechanical & Automation Engineering
HUANG Xiaoyue (黃曉月) Mechanical & Automation Engineering	NG Shu Chi (吳樹幟) Information Engineering	ZHONG Jiawen (鍾伽文) Information Engineering
JIANG Yang (蔣陽) Biomedical Engineering	PUK Yui San (卜銳榮) Systems Engineering & Engineering Management	ZHOU Zizhong (周子中) Systems Engineering & Engineering Management
LAN Shishi (藍師師) Computer Science	TAM Ka Chun (譚家駿) Computer Science	
LEONG Wai Kei (梁煒祺) Systems Engineering & Engineering Management	TONG Ming Lun (唐銘麟) Computer Science	
LEUNG Fu Tuen (梁富屯) Computer Science	TSE Kwok Fung (謝國豐) Computer Science	
LI Pinghui (李平輝) Computer Science	TSO Chiu (曹超) Computer Science	

Dean's List for Undergraduate Students 2014-2015

The undergraduate students below have achieved a GPA of 3.5 or above in 2014-2015 academic year and are placed on the Dean's List:

BAI Ziqian (白梓仟) Engineering	CHEUNG Chun Hin (張俊軒) Information Engineering	GAO Ruohan (高若涵) Information Engineering
BU Qianqian (卜倩倩) Systems Engineering & Engineering Management	CHEUNG Chun Kit Edward Michael (張雋傑) Information Engineering	GAO Xuan (高璇) Information Engineering
CAI Junhui (蔡俊輝) Computer Science	CHEUNG King Ho (張競顯) Computer Science	GAO Ya (高雅) Systems Engineering & Engineering Management
CHAM Hiu Sze (湛曉思) Computer Science	CHEUNG Lok Kwing (張樂炯) Computer Engineering	GAO Yue (高月) Engineering
CHAN Ka Ho (陳嘉濠) Information Engineering	CHOI Chi Kit (蔡智傑) Engineering	GUO Lei (郭蕾) Systems Engineering & Engineering Management
CHAN Ka Wai (陳嘉慧) Mechanical & Automation Engineering	CHOI Siu Cho (蔡鈞祖) Biomedical Engineering	HAO Yi (郝毅) Information Engineering
CHAN Ka Yan (陳嘉欣) Information Engineering	CHONG Wai Lun (莊唯麟) Computer Science	HE Junyu (何俊嶼) Information Engineering
CHAN Kai Fung (陳啟楓) Biomedical Engineering	CHOW Sung Hin (周崇軒) Biomedical Engineering	HEUNG Ho Lam (香皓林) Biomedical Engineering
CHAN Kai Lok (陳啟樂) Systems Engineering & Engineering Management	CHOW Yun Hing (鄒潤興) Electronic Engineering	HO Chun Ho (何俊昊) Systems Engineering & Engineering Management
CHAN Ki Sing (陳棋星) Information Engineering	CHU Chao Ying (朱昭穎) Engineering	HU Bin (胡濱) Computer Science
CHAN King Sang (陳景笙) Computer Engineering	CHU Ki Sum (朱琪森) Mechanical & Automation Engineering	HU Jinwen (胡蓋文) Mathematics & Information Engineering
CHAN Lok Yee (陳樂兒) Mechanical & Automation Engineering	CHU Yen Ting (朱晏霆) Electronic Engineering	HUANG Cen (黃岑) Engineering
CHAN Ngo Foon (陳鏗驩) Mechanical & Automation Engineering	CHUNG Brendon Lik Hang (宗力恆) Mechanical & Automation Engineering	HUANG Qinyuan (黃沁園) Information Engineering
CHAN Tak Ming (陳德明) Biomedical Engineering	CHUNG Ka Chun (鍾嘉浚) Engineering	HUANG Sida (黃思達) Electronic Engineering
CHAN Yin Pok (陳彥博) Mechanical & Automation Engineering	CHUNG Shu Fai (鍾樹輝) Information Engineering	HUANG Yiu Man (黃耀文) Information Engineering
CHAN Yue Kan (陳予勤) Engineering	CINDY (薛斯萍) Biomedical Engineering	HUI Suet Ying Crystal (許雪瑩) Information Engineering
CHAU Chun Sing Andrew (周晉陞) Information Engineering	CONG Kai (叢愷) Engineering	HUI Wing Fung (許泳鋒) Engineering
CHEN Ken (陳壘) Information Engineering	CUI Luxiao (崔露瀟) Electronic Engineering	HUI Wing Yee (許詠兒) Mechanical & Automation Engineering
CHEN Xuhang (陳緒行) Electronic Engineering	DAI Yaxu (戴雅煦) Mathematics & Information Engineering	HUNG Wai Chun (洪瑋駿) Engineering
CHEN Yifan (陳一帆) Engineering	DENG Xinhe (鄧馨荷) Electronic Engineering	HUO Ruixin (霍瑞昕) Engineering
CHEN Yingting (陳映廷) Systems Engineering & Engineering Management	DENG Yubin (鄧煜彬) Information Engineering	IP Kar Shun (葉嘉信) Computer Science
CHEN Yu Zhen (陳宥綦) Engineering	FENG Kaiyin (馮凱音) Electronic Engineering	JIANG Jingyi (江婧怡) Engineering
CHENG Truman (鄭狷旻) Biomedical Engineering	FONG Lek Chon (馮歷臻) Engineering	JIANG Yuechi (姜岳池) Electronic Engineering
CHENG Yik Yin (鄭翊延) Computer Science	GAO Feng (高楓) Systems Engineering & Engineering Management	JULIPALAS Evelyn Mechanical & Automation Engineering

JUNATA Melisa (沈仲文) Biomedical Engineering	LI Chenghui (李程輝) Engineering	LIU Xiaohan (劉笑含) Engineering
KUO Wai Yip (郭偉業) Systems Engineering & Engineering Management	LI Cheuk Ting (李卓庭) Biomedical Engineering	LIU Yechen (劉曄琛) Engineering
KUO Yi Chun (郭弈均) Engineering	LI Danli (李丹黎) Engineering	LIU Yide (劉懿德) Engineering
KWOK Chun Yin (郭俊彥) Systems Engineering & Engineering Management	LI Haocheng (李昊騁) Mathematics & Information Engineering	LIU Zhenhang (劉振航) Systems Engineering & Engineering Management
KWONG Ho Yin (江浩然) Mathematics & Information Engineering	LI Jingyu (李淨諭) Electronic Engineering	LIU Zihan (劉紫涵) Mathematics & Information Engineering
LAI Hoi Ting (黎凱婷) Information Engineering	LI Lingzhi (李灵芝) Engineering	LO Kung Ling (羅功領) Computer Science
LAI Kwun Ping (黎冠平) Computer Engineering	LI Linkai (李林鏞) Electronic Engineering	LO Po Wen (盧博文) Biomedical Engineering
LAI Yat Kan (黎溢勤) Engineering	LI Qi (李琦) Engineering	LU Liyuan (陸李源) Electronic Engineering
LAM Ho Yi (林可兒) Mechanical & Automation Engineering	LI Quanquan (李全全) Information Engineering	LUO Xinyan (羅欣言) Engineering
LAM Hoi Shan (林海珊) Information Engineering	LI Tai (李泰) Systems Engineering & Engineering Management	LYU Xiaoxi (呂曉曦) Engineering
LAM Hon Fung (林瀚峰) Systems Engineering & Engineering Management	LI Wei (李巍) Engineering	MA King Hang Matthew (馬敬恆) Biomedical Engineering
LAM Tung Yeung (林東揚) Information Engineering	LI Wentong (李文童) Engineering	MA So Sum Sharon (馬素心) Computer Science
LAU Cheuk Yin (劉卓賢) Computer Science	LI Wing Man (李泳文) Biomedical Engineering	MA Zhiyao (馬之瑤) Biomedical Engineering
LAU Shyh Tzer (劉世澤) Computer Science	LI Xinwei (李欣蔚) Systems Engineering & Engineering Management	MAO Yuxuan (毛宇軒) Engineering
LAU Tsz Him (劉梓謙) Energy Engineering	LI Yi (李逸) Electronic Engineering	MENG Zhixiang (孟智翔) Computer Science
LAU Tsz Wing (劉梓榮) Biomedical Engineering	LI Yucan (李毓璨) Systems Engineering & Engineering Management	MIAO Yinglong (苗英龍) Computer Science
LAU Yu Hei (劉宇熙) Computer Science	LI Zhihong (李志宏) Information Engineering	MOK Long Yat (莫朗逸) Computer Science
LAU Yuk To (劉育濤) Systems Engineering & Engineering Management	LI Zitao (李子韜) Computer Science	MOK Tsz Tung (莫紫彤) Mechanical & Automation Engineering
LEE Kit Cheung (李傑翔) Engineering	LIANG Jiaxin (梁嘉忻) Information Engineering	NAM Pak Hang (藍伯鏗) Biomedical Engineering
LEE Kit Lam (李杰霖) Electronic Engineering	LIU Boyi (劉博一) Engineering	NG Chun Yan (吳浚寅) Information Engineering
LEE Tsun Ho (李浚豪) Mechanical & Automation Engineering	LIU Jie (劉捷) Systems Engineering & Engineering Management	NG Sze Yiu (吳詩瑤) Computer Science
LEI Wing Yeung (李穎揚) Mechanical & Automation Engineering	LIU Qiankun (劉乾坤) Information Engineering	NG Ting Fung (伍庭鋒) Computer Science
LEUNG Hiu Man (梁曉敏) Mechanical & Automation Engineering	LIU Shifei (劉時飛) Systems Engineering & Engineering Management	NIU Haoying (牛昊穎) Mathematics & Information Engineering
LEUNG Man Ho (梁敏灝) Computer Science	LIU Shijin (劉世進) Systems Engineering & Engineering Management	NIU Xingyu (牛星宇) Computer Science
LEUNG Shing Cheong (梁鉞昌) Mathematics & Information Engineering	LIU Wai King Jimmy (廖維景) Computer Science	OUYANG Hao (歐陽豪) Computer Science
LI Biting (李碧汀) Systems Engineering & Engineering Management	LIU Wai Shing (廖偉成) Mechanical & Automation Engineering	PUN Tsz Ho (潘梓豪) Computer Science
LI Chapmann Cheuk-man (李卓文) Engineering		REN Yi (任義) Information Engineering
		SA Yat Sing (沙日星) Mechanical & Automation Engineering

SHEN Yuxing (沈宇星) Engineering	WONG Ka Wing (黃嘉榮) Engineering	YU Yiyang (于弋洋) Engineering
SHEN Zhenyu (沈震宇) Energy Engineering	WONG Ki Wai (黃麒璋) Engineering	YUAN Jiyao (袁紀堯) Engineering
SHI Erjia (施尔嘉) Electronic Engineering	WONG Leong Tim (黃量添) Biomedical Engineering	YUAN Xiaolei (袁曉蕾) Information Engineering
SHI Shangcheng (施尚成) Information Engineering	WONG Pan Ben (王 斌) Engineering	YUAN Yuan (袁 媛) Engineering
SO Man Kit (蘇文傑) Electronic Engineering	WONG Po Yan (黃宝欣) Information Engineering	YUNG Wing Yee (容詠儀) Systems Engineering & Engineering Management
SUN Hongbin (孫紅斌) Electronic Engineering	WONG Sung Lai Horace (王崇禮) Mechanical & Automation Engineering	ZHANG Bowen (張博聞) Computer Science
SUN Weize (孫維澤) Engineering	WONG Sze Man (王詩敏) Biomedical Engineering	ZHANG Jiahui (張佳卉) Systems Engineering & Engineering Management
TAM Long Yin Simon (譚朗彥) Mechanical & Automation Engineering	WONG Tsun Hin (黃浚軒) Computer Science	ZHANG Qiaosheng (張喬生) Information Engineering
TAM Pui Shing Vincent (談沛誠) Systems Engineering & Engineering Management	WONG Tsz Kin (黃子健) Computer Engineering	ZHANG Qiming (張启明) Information Engineering
TANG Sai Hing (鄧世鑫) Engineering	WONG Wai Ki (王偉麒) Biomedical Engineering	ZHANG Yingbo (張穎博) Engineering
TANG Ziqian (唐子謙) Engineering	WONG Ying (王 瑩) Electronic Engineering	ZHANG Zhuohui (張卓卉) Information Engineering
TIAN Tian (田 甜) Systems Engineering & Engineering Management	WU Jiayi (吳佳怡) Computer Science	ZHANG Zipeng (張子芃) Engineering
TSANG Hing Wa (曾慶華) Engineering	WU Kwan Ying (吳郡鷹) Electronic Engineering	ZHANG Ziqi (張子奇) Systems Engineering & Engineering Management
TSANG Kam Sang (曾金生) Mechanical & Automation Engineering	WU Pangbo (吳磅礪) Computer Science	ZHAO Sujun (趙蘇君) Biomedical Engineering
TSUI Chak Kan (徐澤勤) Mechanical & Automation Engineering	WU Yidi (吳一迪) Computer Science	ZHEN Cuifeng (甄翠鳳) Biomedical Engineering
TU Fengzhi (涂峰智) Computer Science	XIA Shucheng (夏書澄) Systems Engineering & Engineering Management	ZHENG Lu (鄭 璐) Engineering
WAN Hei Lit (尹希列) Mechanical & Automation Engineering	XU Honghao (徐宏昊) Information Engineering	ZHENG Zhe (鄭 哲) Engineering
WANG Cheng (王 成) Information Engineering	XU Jingchuan (徐靖川) Electronic Engineering	ZHENG Zhixuan (鄭至煊) Computer Science
WANG Erfei (王尔飛) Engineering	XU Lie (徐 列) Electronic Engineering	ZHONG Zhuowei (鍾卓焯) Computer Science
WANG Jianling (汪健玲) Information Engineering	YANG Hai (楊 海) Systems Engineering & Engineering Management	ZHOU Fengyao (周鳳瑤) Systems Engineering & Engineering Management
WANG Tianming (王天明) Mathematics & Information Engineering	YE Hao Kai (叶皓愷) Systems Engineering & Engineering Management	ZHOU Qiuyuan (周秋媛) Engineering
WANG Xishi (王熙石) Information Engineering	YEUNG Fu Ki (楊富祺) Biomedical Engineering	ZHOU Yunxiu (周芸秀) Systems Engineering & Engineering Management
WANG Yannan (王雁南) Information Engineering	YEUNG Tak Wing (楊德穎) Computer Science	ZHOU Yurou (周雨柔) Systems Engineering & Engineering Management
WEI Tengjie (韋騰捷) Information Engineering	YIU Man Chi (姚文智) Engineering	ZHOU Zhiqiang (周志強) Electronic Engineering
WEI Tianhan (韋天瀚) Information Engineering	YIU Yuk Hoi (姚育凱) Biomedical Engineering	ZHUO Jiacheng (卓嘉誠) Computer Science
WONG Chi Wai (黃梓維) Computer Science	YU Chung Keung (余仲強) Systems Engineering & Engineering Management	
WONG Ka Fai (王嘉暉) Information Engineering		

Commendations 2015

The following faculty members and students of the Faculty have received honourable prizes and awards in the year 2015 which deserve commendation:

- **Mr. NG Chak Sing (吳澤星) and Professor MAK Sui Tung Terrence (麥穗冬)**
of Computer Science & Engineering Department
Who received the Best Paper Award in the 23rd Euromicro International Conference on Parallel, Distributed and Network-based Processing (PDP2015) in March 2015
- **Mr. NG Chak Sing Jim (吳澤星)**
of Computer Science & Engineering Department
Who received the Outstanding Tutors Award 2014 in March 2015
- **Mr. TSANG Kin Lun Calvin (曾建倫)**
of Computer Science & Engineering Department
Who received the Faculty Service Award 2014 in March 2015
- **Dr. WONG Tsz Yeung (黃子洋)**
of Computer Science & Engineering Department
Who received the Dean's Exemplary Teaching Award 2014 in March 2015
- **Mr. CHOW Wing Kai (周永啟)**
Mr. KUANG Jian (匡建)
Mr. LAM Ka Chun (林家俊)
Mr. LIU Chuangwen (劉闡文)
Mr. LIU Zhiqing (劉志清)
Mr. TU Peishan (塗沛杉) and Professor YOUNG Fung Fu (楊鳳如)
of Computer Science & Engineering Department
Who won the Third Place of the ISPD 2015 Blockage-Aware Detailed Routing-Driven Placement Contest in April 2015
- **Mr. CHUNG Yiu Ting (鍾耀霆)**
Mr. PUN Wing Yin (潘永賢)
Mr. SIT Man Kit (薛文傑)
Mr. YAU Hing Tuen (邱慶端) and Professor XU Qiang (徐強)
of Computer Science & Engineering Department
together with Mr. PANG Yui Tik (彭睿迪) and Mr. TSE Kin Fai (謝建輝) of Physics Department
Who won the 1st prize in the Asia Student Supercomputer Challenge 2015 in May 2015
- **Mr. GAN Junhao (甘駿豪) and Professor TAO Yufei (陶宇飛)**
of Computer Science & Engineering Department
Who received the Best Paper Award at ACM Conference on Management of Data (SIGMOD) 2015 in June 2015
- **Mr. LAI Jintao (賴錦濤)**
Mr. TANG Ding (唐丁) and Professor XU Qiang (徐強)
of Computer Science & Engineering Department
together with Mr. CHAN Pok Man (陳博文) and Mr. CHUNG Cheuk Wai (鍾卓煒) of Systems Engineering & Engineering Management Department
Who won the 1st prize in the "Challenge Cup" Hong Kong University Students Extra-curriculum Technology Contest in July 2015
- **Mr. LAI Jintao (賴錦濤)**
Mr. TANG Ding (唐丁) and Professor XU Qiang (徐強)
of Computer Science & Engineering Department
together with Mr. CHAN Pok Man (陳博文) and Mr. CHUNG Cheuk Wai (鍾卓煒) of Systems Engineering & Engineering Management Department
Who won the champion in the "Huawei Cup 2015" Intelligent Design Competition for College Student in August 2015
- **Mr. LAI Jintao (賴錦濤)**
Mr. TANG Ding (唐丁) and Professor XU Qiang (徐強)
of Computer Science & Engineering Department
together with Mr. CHAN Pok Man (陳博文) and Mr. CHUNG Cheuk Wai (鍾卓煒) of Systems Engineering & Engineering Management Department
Who won the 1st prize in the 14th "Challenge Cup" in November 2015
- **Mr. LEE Chun Yin Sampson (李俊言)**
Mr. LEUNG On Yin (梁安然) and Professor CHAN Siu On (陳兆安)
of Computer Science & Engineering Department
together with Mr. TUNG Kam Chuen (董鑫泉) of Mathematics Department
Who won the 2nd Place and Gold Medal ACM ICPC Hefei Regional Contest 2015 in November 2015
- **Mr. LAU Chi Yung (劉智勇)**
Mr. YIK Wai Pan (易維濱) and Professor CHAN Siu On (陳兆安)
of Computer Science & Engineering Department
together with Mr. HO Ngan Hang (何雁行) of Mathematics Department
Who won the 9th Place and Gold Medal ACM ICPC Shanghai Regional Contest 2015 in November 2015
- **Mr. IP Kar Shun (葉嘉信)**
Mr. LAM Wai Kwan (林偉堃)
Mr. LEUNG Man Ho (梁敏灝) and Mr. SI-TOU Shun Kit (司徒信傑)
of Computer Science & Engineering Department
Who won the Champion in the Samsung "Solve for Tomorrow 2015" in December 2015
- **Dr. WANG Xiaomu (王肖沐)**
of Electronic Engineering Department
Who won the Youth 1000 Talents Scheme Award in February 2015
- **Professor ZHANG Yuaning (張元亭)**
of Electronic Engineering Department
Who won 2014 IEEE-SA Emerging Technology Award in February 2015
- **MR. CHEN Yibo (陳軼博)**
of Electronic Engineering Department
Who received the Outstanding Tutors Award 2014 in March 2015

- **Professor LEE Tan (李丹)**
of Electronic Engineering Department
Who received the Dean's Exemplary Teaching Award 2014 in March 2015
- **Ms. YEUNG Suk Fun Stella (楊淑芬)**
of Electronic Engineering Department
Who received the Faculty Service Award 2014 in March 2015
- **Dr. CHEN Kun (陳琨)**
of Electronic Engineering Department
Who won the Excellent Poster Presentation in GRAPCHINA 2015 in October 2015
- **Miss LAU Ming Wai Laura (劉明慧)**
of Electronic Engineering Department
Who won the Best Paper Award in the special session (Women in Engineering) in TENCON 2015 in November 2015
- **Professor SUN Xiankai (孫賢開)**
of Electronic Engineering Department
Who won the Research Grants Council (RGC) Early Career Award in November 2015
- **Professor XU Jianbin (許建斌)**
of Electronic Engineering Department
Who won the Research Excellence Award 2014-15 in November 2015
- **Professor MA Wing Kin Ken (馬榮健)**
of Electronic Engineering Department
Who won 2015 SPS Signal Processing Magazine Best Paper Award in November 2015
- **Professor CHOI Chunghang Jonathan (蔡宗衡)**
of Electronic Engineering Department
Who won the Croucher Innovation Award 2016 in December 2015
- **Dr. WU Xiaoxiao (吳曉曉)**
of Electronic Engineering Department
Who won the Postgraduate Research Output Award 2014 in December 2015
- **Professor HUANG Jianwei (黃建偉)**
of Information Engineering Department
Who was elected as an IEEE Communications Society Distinguished Lecturer for the years of 2015-2016 in January 2015
- **Mr. LU Chaochao (陸超超) and Professor TANG Xiaoou (湯曉鷗)**
of Information Engineering Department
Who won the AAAI-2015 Outstanding Student Paper Award in January 2015
- **Professor CHAN Yuen Yan (陳苑茵)**
of Information Engineering Department
Who received the 2014 IEEE Region 10 EA Award on Major Educational Innovation from the IEEE Educational Activities Board (EAB) in March 2015
- **Mr. LAM Siu Hong Alan (林兆康)**
of Information Engineering Department
Who received the Faculty Service Award 2014 in March 2015
- **Professor LAU Wing Cheong (劉永昌)**
of Information Engineering Department
Who received the Dean's Exemplary Teaching Award 2014 in March 2015
- **Miss XIE Mengjie (謝夢潔)**
of Information Engineering Department
Who received the Outstanding Tutors Award 2014 in March 2015
- **Dr. HUI Ka Yu William (許嘉宇)**
of Information Engineering Department
Who won the Best Teaching Award 2014-15 in May 2015
- **Mr. HU Pili (胡辟礫)**
of Information Engineering Department
Who won the Faculty's Outstanding Thesis Award 2014 in May 2015
- **Professor HUANG Jianwei (黃建偉)**
of Information Engineering Department
Who received the 2015 Distinguished Service Award from IEEE Communications Society Multimedia Communications Technical Committee (MMTC) in May 2015
- **Ms. MA Qian (馬倩) Dr. GAO Lin (高林) and Professor HUANG Jianwei (黃建偉)**
of Information Engineering Department
Who received the Best Student Paper Award from IEEE WiOpt 2015 in May 2015
- **Professor CHAN Yuen Yan (陳苑茵)**
of Information Engineering Department
Who received the 2015 Distinguished Chapter Leadership Award of the IEEE Education Society in June 2015
- **Mr. DENG Yubin (鄧煜彬)**
of Information Engineering Department
Who was awarded the Undergraduate Individual Champion in the Professor Charles K. Kao Student Creativity Awards 2015 in June 2015
- **Ms. MA Qian (馬倩) and Mr. YU Haoran (余皓然)**
of Information Engineering Department
Who received the funding support from the CUHK Global Scholarship Program for Research Excellence for 2015-16 in July 2015
- **Professor HUANG Jianwei (黃建偉)**
of Information Engineering Department
Who received the CUHK Young Researcher Award 2014 in October 2015
- **Mr. DENG Yubin (鄧煜彬)**
of Information Engineering Department
Who won the Gold Award in the HKEIA Innovation & Technology Project Competition Award 2015 in November 2015
- **Mr. DENG Yubin (鄧煜彬)**
of Information Engineering Department
Who won the Gold Award in the ASM Technology Award 2015 in December 2015

- **Mr. ZHANG Dapeng (張大鵬) and Professor CHEN Shih Chi (陳世祈)**
of Mechanical & Automation Engineering Department
Who won the Student Poster Competition Award for the paper of "Multi-photon laser scanning omnidirectional imaging with tunable frame rate" in the 2015 SPIE Photonic West conference (Multiphoton Microscopy in the Biomedical Sciences XV) in February 2015
- **Miss AU Ho Ling June (區可玲)**
of Mechanical & Automation Engineering Department
Who received the Faculty Service Award 2014 in March 2015
- **Professor LU Yi Chun (盧怡君)**
of Mechanical & Automation Engineering Department
Who received the Dean's Exemplary Teaching Award 2014 in March 2015
- **Professor MAK Fuk Tat Arthur (麥福達)**
of Mechanical & Automation Engineering Department
Who was elected as the Fellow of the American Institute for Medical and Biological Engineering in March 2015
- **Mr. ZHENG Yang (鄭陽)**
of Mechanical & Automation Engineering Department
Who received the Outstanding Tutors Award 2014 in March 2015
- **Mr. ZHANG Lin (張霖)
Mr. ZHANG Yabin (張亞斌) and Professor ZHANG Li (張立)**
of Mechanical & Automation Engineering Department
Who won the Photo Award at the "1st 4M/ICOMM AITeM Photo Contest" in the 4M/ICOMM2015 conference, Italy in April 2015
- **Mr. CHAN Tsz Fung (陳子峰)
Mr. CHAN Yin Pok (陳彥博)
Mr. CHEUNG Ho Tin (張浩天)
Mr. CHUNG Tsz Yin (鍾子賢)
Mr. KWOK Ming Fung (郭銘豐)
Mr. LEE Chun Kong (李振江)
Mr. SANTO Royce (趙子富) and Mr. YIP Chi Yiu (葉志堯)
Mr. LEUNG Yun Yee (梁潤怡)
Dr. LI Yiyang (李奕陽) and Professor XU Dongyan (徐東艷)**
of Mechanical & Automation Engineering Department
Who won the Champion at the IMechE Greater China Region Design Competition in May 2015
- **Mr. LAM Shing Hin (林晨軒)
Mr. MAN Tsz Chun (文梓俊)
Mr. TAM Long Yin Simon (譚朗彥) and Mr. WAN Hei Lit (尹希列)**
of Mechanical & Automation Engineering Department
Who won the Second Runner-up at the Professor Charles K. Kao Student Creativity Awards 2015 (Undergraduate Group Entries) for the project of "Ray Inspired Submarine with Wings" in May 2015
- **Mr. WANG Zengyue (王增越) and Professor LU Yi Chun (盧怡君)**
of Mechanical & Automation Engineering Department
Who received Merit at the Professor Charles K. Kao Student Creativity Awards 2015 (Undergraduate Individual Entries) for the project of "Semisolid Vanadium Redox Flow Battery" in May 2015
- **Mr. CHU Ki Sum (朱琪森) and Professor LIAO Wei Hsin (廖維新)**
of Mechanical & Automation Engineering Department
Who won the Second Runner-up at the Professor Charles K. Kao Student Creativity Awards 2015 (Undergraduate Individual Entries) for the project of "Mechanical Energy Harvested Damper With MR Fluid" in May 2015
- **Mr. GUAN Xiao (關曉)
Mr. MA Hao (馬浩) and Professor LIAO Wei Hsin (廖維新)**
of Mechanical & Automation Engineering Department together with Miss QIN Lai Yin (秦萊茵) of the Biomedical Engineering Programme and Mr. CHEN Bing (陳兵) of Orthopaedics & Traumatology Programme
Who won the First Runner-up at the Professor Charles K. Kao Student Creativity Awards 2015 (Postgraduate Group Entries) for the project of "Wearable Exoskeleton Suit for Paralyzed Individuals" in May 2015
- **Mr. LI Cheng Lin (李成林) and Professor CHEN Shih Chi (陳世祈)**
of Mechanical & Automation Engineering Department
Who received Merit at the Professor Charles K. Kao Student Creativity Awards 2015 (Postgraduate Individual Entries) for the project of "Flexure-Based Dynamic-Tunable Five-Axis Nanopositioner for Parallel Nanomanufacturing" in May 2015
- **Miss LU Yuk Ying (盧毓瑩) and Professor DU Ru Xu (杜如虛)**
of Mechanical & Automation Engineering Department
Who won the Second Runner-up at the Professor Charles K. Kao Student Creativity Awards 2015 (Postgraduate Individual Entries) for the project of "A 360-degree Holographic Display System for Radiotherapy Treatment Planning" in May 2015
- **Miss LAM Ho Yi (林可兒)
Mr. YIP Chun Wa (葉俊華) and Professor YAM Yeung (任揚)**
of Mechanical & Automation Engineering Department
Who won the First Runner-up at the Professor Charles K. Kao Student Creativity Awards 2015 (Postgraduate Individual Entries) for the project of "Auto-Horizontalize Wheelchair" in May 2015
- **Mr. ZHANG Lin (張霖)
Mr. ZHONG Yong (鍾勇)
Professor DU Ru Xu (杜如虛) and Professor ZHANG Li (張立)**
of Mechanical & Automation Engineering Department together with Professor CHIU Wai Yan Philip of Surgery Department
Who won the Champion at the Professor Charles K. Kao Student Creativity Awards 2015 (Postgraduate Individual Entries) for the project of "Miniature Environment-friendly Tadpole Robot for Capsule Endoscope to Examine the Entire Gastrointestinal (GI) Tract" in May 2015
- **Professor BIAN Liming (邊黎明)**
of Mechanical & Automation Engineering Department
Who won the Young Investigator Award from the 5th Asian Biomaterials Congress (ABMC) hosted in Taipei in May 2015

- **Mr. CHAN Wai Kit (陳偉傑) and Professor CHEN Shih Chi (陳世祈)**
of Mechanical & Automation Engineering Department together with Miss LEE Hiu Hung (李曉虹) of Systems Engineering & Engineering Management Department
 Who won the 2nd Prize at the Institute of Measurement and Control HK Section Student Project Competition for the project of "Design, Manufacture and Study of a Nano-Positioning Stage Using Compliant Mechanism" in June 2015
- **Mr. LAM Shing Hin (林晟軒) Mr. MAN Tsz Chun (文梓俊) Mr. TAM Long Yin Simon (譚朗彥) Mr. WAN Hei Lit (尹希列) and Professor ZHANG Li (張立)**
of Mechanical & Automation Engineering Department
 Who received Merit at the "Challenge Cup"- Hong Kong University Students Extra-curriculum Technology Contest for the project "Ray Inspired Submarine with Wings" in June 2015
- **Mr. WANG Zengyue (王增越) and Professor LU Yi Chun (盧怡君)**
of Mechanical & Automation Engineering Department
 Who won the 3rd Prize at the "Challenge Cup"- Hong Kong University Students Extra-curriculum Technology Contest for the project of "Semisolid Vanadium Redox Flow Battery" in June 2015
- **Mr. CHU Ki Sum (朱琪森) and Professor LIAO Wei Hsin (廖維新)**
of Mechanical & Automation Engineering Department
 Who won the 2nd Prize at the "Challenge Cup"- Hong Kong University Students Extra-curriculum Technology Contest for the project of "Mechanical Energy Harvested Damper in June 2015
- **Mr. LI Cheng Lin (李成林) and Professor CHEN Shih Chi (陳世祈)**
of Mechanical & Automation Engineering Department
 Who received Merit at the "Challenge Cup"- Hong Kong University Students Extra-curriculum Technology Contest for the project of "Flexure-Based Dynamic-Tunable Five-Axis Nanopositioner for Parallel Nanomanufacturing" in June 2015
- **Miss LU Yuk Ying (盧毓瑩) and Professor DU Ru Xu (杜如虛)**
of Mechanical & Automation Engineering Department
 Who received Merit at the "Challenge Cup"- Hong Kong University Students Extra-curriculum Technology Contest for the project of "A 360-degree Holographic Display System for Radiotherapy Treatment Planning" in June 2015
- **Mr. GUAN Xiao (關曉) Mr. MA Hao (馬浩) and Professor LIAO Wei Hsin (廖維新)**
of Mechanical & Automation Engineering Department together with Miss QIN Lai Yin (秦萊茵) of Biomedical Engineering Programme and Mr. CHEN Bing (陳兵) of Orthopaedics & Traumatology Programme
 Who won the 3rd Prize at the "Challenge Cup"- Hong Kong University Students Extra-curriculum Technology Contest for the project of "Wearable Exoskeleton Suit for Paralyzed Individuals" in June 2015
- **Mr. ZHANG Lin (張霖) Mr. ZHONG Yong (鍾勇) Professor DU Ru Xu (杜如虛) and Professor ZHANG Li (張立)**
of Mechanical & Automation Engineering Department together with Professor CHIU Wai Yan Philip of Surgery Department
 Who won the 2nd Prize at the "Challenge Cup"- Hong Kong University Students Extra-curriculum Technology Contest for the project of "Miniature Environment-friendly Tadpole Robot for Capsule Endoscope to Examine the Entire Gastrointestinal (GI) Tract" in June 2015
- **Mechanical & Automation Engineering Department**
 Was awarded the Outstanding Participating Award at the "Challenge Cup"- Hong Kong University Students Extra-curriculum Technology Contest in June 2015
- **Professor LU Yi Chun (盧怡君)**
of Mechanical & Automation Engineering Department
 Who won the Vice-Chancellor's Exemplary Teaching Award 2014 in July 2015
- **Professor HUANG Jie (黃捷)**
of Mechanical & Automation Engineering Department
 Who won the Outstanding Accomplishment Award by Technical Committee of Control Theory, Chinese Association of Automation in July 2015
- **Mr. CHAN Tsz Fung (陳子峰) Mr. LEE Chun Kong (李振江) and Mr. YIP Chun Wa (葉俊華)**
of Mechanical & Automation Engineering Department
 Who won the "常平杯" 2015年首屆兩岸四地智慧型機器人大賽暨學界研發成果展輪型機器人競速項目 (T組) 最佳創意獎 in August 2015
- **Mr. CHOW Kwok Sum (周軻森) Mr. LAI Kin Wa (賴建樺) and Mr. YIP Chun Wa (葉俊華)**
of Mechanical & Automation Engineering Department
 Who won the "常平杯" 2015年首屆兩岸四地智慧型機器人大賽暨學界研發成果展輪型機器人摸黑項目 (T組) 冠軍及最佳結構獎 in August 2015
- **Mr. CHAN Kai Fung (陳啓楓) and Professor ZHANG Li (張立)**
of Mechanical & Automation Engineering Department
 Who won the 2nd Award at 14th National Challenge Cup for the project of "Hollow-Core, Porous-Shell, Spindle-Like Fe₃O₄ Nanocapsules for Controlled Drug Delivery in November 2015
- **Mr. GUAN Xiao (關曉) Mr. MA Hao (馬浩) and Professor LIAO Wei Hsin (廖維新)**
of Mechanical & Automation Engineering Department together with Miss QIN Lai Yin (秦萊茵) of Biomedical Engineering Programme and Mr. CHEN Bing (陳兵) of Orthopaedics & Traumatology Programme
 Who won the 2nd Award at 14th National Challenge Cup for the project of "Wearable Exoskeleton Suit for Paralyzed Individuals" in November 2015

- **Mr. CHU Ki Sum (朱琪森) and Professor LIAO Wei Hsin (廖維新)**
of Mechanical & Automation Engineering Department
Who won the 2nd Award at 14th National Challenge Cup for the project of “Mechanical Energy Harvested Damper” in November 2015
- **Mr. ZHANG Lin (張霖)
Mr. ZHONG Yong (鍾勇)
Professor DU Ru Xu (杜如虛) and
Professor ZHANG Li (張立)**
*of Mechanical & Automation Engineering Department
together with Professor CHIU Wai Yan Philip of Surgery Department*
Who won the 2nd Award at 14th National Challenge Cup for the project of “Miniature Environment- Friendly Tadpole Robot for Capsule Endoscope to Examine the Entire Gastrointestinal Tract” in November 2015
- **Mr. WANG Zengyue (王增越) and
Professor LU Yi Chun (盧怡君)**
of Mechanical & Automation Engineering Department
Who won the 1st Award at 14th National Challenge Cup for the project of “Semisolid Vanadium Redox Flow Battery” in November 2015
- **Miss LEUNG Yun Yee (梁潤誼)**
of Mechanical & Automation Engineering Department
Who won the Outstanding ICT Women Awards 2015 - Outstanding ICT Super Girl in November 2015
- **Mr. VONG Chi Ian (黃智仁)**
of Mechanical & Automation Engineering Department
Who won the HKEIA Innovation & Technology Project Competition Award in December 2015
- **Mr. YANG Chaolin (楊超林)**
of Systems Engineering & Engineering Management Department
Who received the 2nd Place Prize in the Best Student Paper Competition of the 6th POMS-HK International Conference in January 2015
- **Miss BU Qianqian (卜倩倩)
Miss CHUEN Wai Man (全慧敏)
Miss LUI Wing Ki (呂穎琪)
Mr. TSUI Man Wa (徐茂樺) and
Mr. TY Pak Sing (鄭栢誠)**
of Systems Engineering & Engineering Management Department
Who won the Championship of the case study competition on the Chartered Institute of Logistics and Transport in Hong Kong (CILTHK) Student Day 2015 in March 2015
- **Ms. LEUNG Yuen Ling Iris (梁婉玲)**
of Systems Engineering & Engineering Management Department
Who received the Faculty Service Award 2014 in March 2015
- **Dr. NG Chi Kong Kevin (伍志剛)**
of Systems Engineering & Engineering Management Department
Who received the Dean’s Exemplary Teaching Award 2014 in March 2015
- **Mr. ZHOU Zirui (周子銳)**
of Systems Engineering & Engineering Management Department
Who received the Outstanding Tutors Award 2014 in March 2015
- **Professor MENG Mei Ling Helen (蒙美玲)**
of Systems Engineering & Engineering Management Department
Who was elected as the Distinguished Lecturer of the International Speech Communications Association (ISCA) in May 2015
- **Miss GAO Ya (高雅) and
Mr. YU Shun Kin (余順堅)**
of Systems Engineering & Engineering Management Department
Who won the Merit prize in the 14-15 Student Project Competition organized by the Manufacturing and Industrial (MI) Division of the Hong Kong Institution of Engineers (HKIE) in June 2015
- **Mr. LI Tai (李泰)
Mr. LIN Yu (林煜) and
Miss LUO Zhiyuan (羅智圓)**
of Systems Engineering & Engineering Management Department
Who won the 2nd Runner Up prize in the 14-15 Student Project Competition organized by the Manufacturing and Industrial (MI) Division of the Hong Kong Institution of Engineers (HKIE) in June 2015
- **Mr. HUANG Weihuang (黃維篁)
Mr. SHANG Zechao (商澤超) and
Professor YU Xu Jeffrey (于旭)**
of Systems Engineering & Engineering Management Department
Who received the Best Paper Award in the Australasian Database Conference 2015 in June 2015
- **Miss LIU Xin (劉馨)**
of Systems Engineering & Engineering Management Department
Who won the 2nd Place Prize, Student Paper Competition, the 3rd Asia Quantitative Finance Conference, Hong Kong in July 2015
- **Miss LI Jing (李菁)
Mr. PENG Baolin (彭寶霖) and
Professor WONG Kam Fai (黃錦輝)**
of Systems Engineering & Engineering Management Department
Who received the Best Student Paper Award in the 4th China Computer Federation (CCF) Conference on Natural Language Processing and Chinese Computing in October 2015
- **Miss LIU Xin (劉馨)**
of Systems Engineering & Engineering Management Department
Who was ranked Top 5 (Finalist), Best Student Paper Competition of Financial Service Society, INFORMS 2015 Annual Meeting, Philadelphia, USA in November 2015
- **Professor SO Man Cho Anthony (蘇文藻)**
of Systems Engineering & Engineering Management Department
Who received the 2015 IEEE Signal Processing Society (SPS) Signal Processing Magazine Best Paper Award in November 2015
- **Professor MENG Mei Ling Helen (蒙美玲)**
of Systems Engineering & Engineering Management Department
Who received the Outstanding ICT Women Professional Award from the Hong Kong Computer Society in November 2015
- **Mr. LIU Pengfei (劉鵬飛)**
of Systems Engineering & Engineering Management Department
Who received the Best Paper Award in the 2015 Beijing-Hong Kong International PhD Forum in November 2015



香港中文大學
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