World's Top 100 Universities in Engineering & IT league table, published by The Times Higher Education Supplement. This achievement results from the collective efforts of our faculty, staff and students. Prof Philip Chan and his colleagues in Singapore. The loyalty and steadfastness of Prof Lu's character are demonstrated by the fact that he remained at NUS for over 12 years, before the call of the Motherland led him back to China to serve his country.

The above events are subject to change without prior notice. Timely support, we would not have made it.

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The excellence of these programmes is backed by the quality and frequency of student publications. The University has a strong record of publications in top tier journals and conferences in various fields, including computer science, engineering, and business.

The mentorship scheme is another dynamic aspect of the Dual Degree, which is designed to provide maximum operational frequency, minimum supply voltage and low power consumption. It also helps students develop their skills and networks before they graduate, giving them a competitive edge in the job market.

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Message from the Dean

Wong Wai Ling, Lee Kam Wah, Lam Siu Kuen and Chua Shui Ying of 2004 UG graduates, won different awards with the Institution of Civil Engineers Hong

Timothy Wan, a First Class Honors student of MPhil in Civil Engineering, won the “Young Engineer’s Award” at the 3rd China-Japan-Korea Joint Symposium in Kanazawa, Japan in Nov 2004. He was

Prof Fugee Tsung

A paper by Prof Fugee Tsung on space utilization and analysis. "Current practices suggest most buildings are not being optimized to the level they could withstand."

•

A paper by Prof Michael Ni of the Department of Computer Science, "Testing the Wind". The paper has received the Best Paper Award for IIE Transactions on Quality Management.

Prof Michael Ni


• Professor James Lau

• Professor William Ko

• Professor Peihua Gu

From its earliest days, the School of Engineering has focused on coordinating project management when team members are back at

IEEM-Stanford Joint Global Manufacturing Program

Recognized as the “perfect location for students to develop their innovation skills,” according to Prof James Lau, the IEEM-Stanford Joint Global Manufacturing Program has also proved to be among the top performers at the regional and world finals.

"In Mainland China and Taiwan, IT is still hot, but with the IT

Fellowship 2004/2005. Choi Sok I, Ng Kwun Pan, Lam Pik Shan, Wong Yim, Leung Ming Yan, Li Chuan Ho

"Hong Kong is the perfect location because the city has

IT Key Lab Opens Door

"We are good for each other. When the best work with the best, it really triggers a lot of new ideas,” Prof Ni said.

Recognition by the MOE as a Key Lab will further enhance this collaboration, opening up the possibility of faculty involvement

Messages of condolence for Prof Hongjun Lu have flooded into HKUST from all over the world, many

In Memory of Professor Hongjun Lu, December 1945 - March 2005

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Researchers Race Forward with IC Technologies at 'Chip Olympics'

Researchers at the Electronics and Information Engineering Department (EIE) have continued their string of outstanding achievements in integrated circuit (IC) technology and semiconductor research in the past year. This includes winning first prize in the IEEE Hong Kong Section Best Student Paper Competition 2004, second place in the 16th International Conference on Microelectronics (ICM) Best Student Paper Competition, and third place in the 5th Annual Design Automation Conference (DAC) Best Student Paper Competition. They have also published research results in numerous international conferences and journals, such as the IEEE Transactions on Knowledge and Data Engineering, chair of the International Conference on Information Technology Interfaces, and IEEE Transactions on Design Automation of Electronic Systems. Their accomplishments have not only attested to HKUST’s research strength, but also have established HKUST’s reputation as a world leader in the field of IC and semiconductor research.

Hang Seng Innovative Design Competition 2004-05

The Department of Industrial and Systems Engineering (ISIE) co-organized this year’s Hang Seng Innovative Design Competition (HSDC) to foster students’ innovative thinking and design skills. The competition, which is one of the largest design competitions in Hong Kong, was supported by the Hong Kong Innovative Design Council. The competition invited applications from 150 student teams from 11 universities in Hong Kong. These teams submitted their proposals before the deadline of December 17, with a total of 200~250 applications received. The competition’s theme was “Innovative Design for Sustainability,” encouraging students to think about sustainable design in their proposals.

In Memory of Professor Hongjun Lu, December 1945 - March 2005

Prof Hongjun Lu was an acclaimed computer scientist who has been one of the pioneers of database technology. He was a key contributor to the development of database systems and their applications, and his research has been widely recognized and awarded. The IEEE Computer Society has established an endowed memorial lecture series in his honor, and the award for his paper on “Database Systems” has been presented to him. The University of Hong Kong has also established the Hongjun Lu Distinguished Lecture Series in honor of his contribution to the field of computer science.

Prof V G Chigrinov

Prof V G Chigrinov is a professor in the Department of Computer Science and Applied Mathematics at the University of Hong Kong. He is also the director of the University’s Institute of Advanced Manufacturing and Director of the Institute of Advanced Manufacturing and Robotics. His research focuses on advanced manufacturing systems and robotics, and he has published extensively on these topics. He is a member of the IEEE/RSJ International Conference on Intelligent Robots and Systems, and he is an associate editor of the IEEE Transactions on Robotics and Automation. He has also served as a guest editor for the International Journal of Advanced Manufacturing Technology, and he is a member of the editorial board of the International Journal of Advanced Manufacturing Systems.

Prof Pengcheng Shi

Prof Pengcheng Shi is a professor in the Department of Electrical and Electronic Engineering at the University of Hong Kong. His research interests include signal processing, machine learning, and computer vision. He has published extensively on these topics, and he is a member of the IEEE Signal Processing Society, the IEEE Artificial Intelligence and Machine Learning Society, and the IEEE Computer Society. He is also a guest editor for the IEEE Transactions on Image Processing, and he is an associate editor of the IEEE Transactions on Neural Networks.

Prof Chan Chih-Chen

Prof Chan Chih-Chen is a professor in the Department of Electrical and Electronic Engineering at the University of Hong Kong. He is also the director of the University’s Institute of Advanced Manufacturing and Robotics. His research focuses on advanced manufacturing systems and robotics, and he has published extensively on these topics. He is a member of the IEEE/RSJ International Conference on Intelligent Robots and Systems, and he is an associate editor of the IEEE Transactions on Robotics and Automation. He has also served as a guest editor for the International Journal of Advanced Manufacturing Technology, and he is a member of the editorial board of the International Journal of Advanced Manufacturing Systems.
World's Top 100 Universities in Engineering & IT league table, published by The Times Higher Education Supplement. This achievement results from the collective efforts of our faculty, staff and students. In memory of Liwei Yang (left), impressed by his innovative contributions to the field of materials science.

• Prof Ka Ming Ng (AIChE) in recognition of his significant contributions to the field of chemical engineering.

600 papers submitted.

In Memory of Professor Hongjun Lu, December 1945 - March 2005

Academic exchange and research collaboration between HKUST and Beijing-based multi-nationally staffed MSRA, one of the top research organizations in China.

Recognition by the MOE as a Key Lab will further enhance our research capabilities.

New Adjunct Faculty

C) add July 11 - Aug 12, 2005, "IT Enhancement Prog for gifted students"

Tianshou, Department of Mechanical Engineering, at a seminar where he discussed the challenges and opportunities in the field.

Stay connected and keep in touch!

From its earliest days, the School of Engineering has focused on providing a high-quality education and research environment. The School is home to a number of distinguished faculty members, including Prof Wenwu Zhu, who has been awarded the Bechtel Foundation Engineering Teaching Excellence Awards.

Engineers' 2005 Fugro Prize. His award-winning paper was titled "Wind Loading on Tall Buildings and Structures," which has been cited over 200 times.

Thanks to the MOE/MSRA Key Lab, we have been able to enjoy the advantages of the innovative, integrated and collaborative research environment.

Testing the Wind for Future Skyscraper Design

The World's Top 100 Universities in Engineering & IT league table is published biannually by the HKUST School of Engineering. Its purpose is to promote the achievements of the School and to encourage students to pursue excellence in their studies.

Thank you all again.

Prof Chu (second right) takes a group picture at the signing ceremony.
World's Top 100 Universities in Engineering & IT league table, published by The Times Higher Education Supplement. This achievement was guest of honor Dr. Alice Lam, Chairman of the Academic Board. Among the attendees was an IEEM-Stanford joint global manufacturing program.

Eric Y W Wong, 2004 MPhil graduate, won the Hong Kong Institute of Engineers' 2005 Fugro Prize. His award-winning paper was titled "Centrifuge Modeling of Kanazawa, Japan in Nov 2004. He was awarded for his presentation on "Optimal Drift Design of Reinforced Concrete Buildings Under Seismic Time History." Wong is also a 2004 tiebreaker for the Collegiate Programming contest held in Manila and Shanghai, respectively.

Prof Philip Chan expressed his thanks to all the companies who had participated as sponsors in the past decade and said he looked forward to supporting more future projects.

Prof Wilson Tang, a Fellow of the American Institute of Chemical Engineers, attended the event. Tang is also an ACM SIGMOD Advisory Board (1998-2002), an associate editor of IEEE Transactions on Knowledge and Data Engineering, chair of the ACM SIGMOD Advisory Board, and board member of the ACM SIGMOD.

The event also celebrated the 10th anniversary of IEEM-Stanford joint global manufacturing program.

Another highlight was the celebration of the IEEM-Stanford joint global manufacturing program.

Technical University of Munich (TUM) in October 2003.

Message from the Dean

I'm pleased to announce that Dr. Alice Lam has been elected an IEEE Fellow Evaluation Committee of the Computer Society. Her outstanding contributions to the field of computer science have been recognized by her peers.

An acclaimed computer scientist, Prof Hongjun Lu was without a doubt one of the pioneers of database technology. His contributions to the field have been recognized by his peers and the academic community.

Prof Hongjun Lu took his BSc from Tsinghua University, China and his PhD from the University of California, Los Angeles. He is a Fellow of the ACM and an IEEE Fellow. His research has focused on the development of database systems and their applications.

Prof Hongjun Lu expressed his thanks to all the companies who had participated as sponsors in the past decade and said he looked forward to supporting more future projects.

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One unique facility helping research into occupant comfort for wind-excited tall buildings (ISO 10106) is the wind tunnel at HKUST. The tunnel is used to test the response of tall buildings to wind loads and to evaluate the effectiveness of various design solutions.

"Hong Kong is the perfect location because the city has a wide variety of building types and is exposed to strong winds," said Dr. Hoi Lee, who is conducting research into the response of tall buildings to wind loads.

Dr. Hoi Lee's research has focused on answering the demand for a better understanding of the behavior of tall buildings under wind loads. His work has been applied to the design of tall buildings in Hong Kong and other cities around the world.

In conclusion, the IEEM-Stanford joint global manufacturing program has been a great success. We look forward to the future and to continuing to support the work of our students and faculty.

IEEM-Stanford Joint Global Manufacturing Program

Development and Research

Academic exchange and research collaboration with leading universities and institutions around the world. IEEM-Stanford has established a strong network of partnerships with leading institutions in the field of engineering and IT.

IEEM-Stanford has also been successful in attracting high-caliber students from around the world. The program has received high praise from students and faculty alike for its rigorous curriculum and the opportunities it provides for students to gain valuable practical experience.

In addition to practical experience, students also have a chance to work with people from different countries. This provides them with a unique opportunity to gain a global perspective on engineering and IT.

The program has also been successful in attracting high-caliber faculty members. IEEM-Stanford has been able to attract a number of highly accomplished faculty members who have brought a wealth of knowledge and experience to the program.

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The World's Top 100 Universities in Engineering & IT league table, published by The Times Higher Education Supplement. This achievement has been a testament to the quality of education and research at HKUST.

In the years to come, we will keep our sights on both excellence at the highest international level and on contributing to Hong Kong's economic development. Our success in the rankings again vindicates our highly collaborative spirit within the academic community.

In Memory of Professor Hongjun Lu, December 1945 - March 2005

Prof Hongjun Lu is survived by his beloved wife and his cherished daughter. His generous spirit and dedication to education continue to inspire us.

In the years leading up to his passing, Prof Lu had served as an example of the importance of community service and mentorship. His legacy lives on through the many students and colleagues who benefitted from his guidance.

Messages of condolence for Prof Hongjun Lu have flooded into HKUST from all over the world, many of whom cited his influence on their careers.

A Time-window Sliding Wind/Wave Tunnel Facility was also dedicated in his honor. This facility is a symbol of Prof Lu's commitment to innovation and excellence in research.

In addition to his academic contributions, Prof Lu was also a devoted family man, and his presence will be greatly missed by all who knew him.

To foster the growth of our alumni network, please keep us informed of any developments. The HKUST community is united in mourning and celebrating the life of this remarkable scholar.
Timothy Wan, a First Class Honors student of MPhil in Civil Engineering, won the “Young Engineer’s Award” at the 3rd China-Japan-Korea Joint Symposium in Engineering and IT.

A scholarship fund will be managed by a committee at HKUST. Our initial plan is to make use of the revenue generated from the fund to support promising students. The fund will be managed in an efficient and transparent manner, and the committee will ensure that the funds are used in a way that maximizes their impact.

Messages of condolence for Prof Hongjun Lu have flooded into HKUST from all over the world, many of them from his former students and his colleagues.

Prof Wilson Tang, the Dean of HKUST, said, “Prof Hongjun Lu was a brilliant scholar and a great teacher. He will be deeply missed by all of us.”

Dr Hoi Lee, the Assistant Director of External Communications, said, “We are deeply saddened by the loss of Prof Hongjun Lu. He was a brilliant scholar and a wonderful human being.”

The Bechtel Foundation Engineering Teaching Excellence Award is presented annually to one faculty member at HKUST. The award recognizes outstanding teaching and research contributions.

Prof Lionel Ni, Key Lab Director and Head of the Department of Computer Science, said, “Prof Hongjun Lu was a great teacher and a wonderful human being. He will be deeply missed by all of us.”

“Hong Kong is the perfect location because the city has many high-rise buildings, many unusually shaped buildings, and a lot of glass,” said Prof Ho, who is the head of the Cracking System to assist the Hong Kong Police Force in crime prevention.

Dr Hoi Lee’s research has focused on answering the demand of society for even more energy-efficient and sustainable methods. “I am working on new technologies to reduce power consumption in portable devices,” he said.

The IT Key Lab, established in November 2004, is already being felt. Prof Ni has received many requests from Mainland academics to come as visiting professors, and other businesses are joining the program in the future.

“We are good for each other. When the best work together, they can create the best,” said Prof Chung-Yee Lee, who is the Key Lab Director and Head of the Department of Computer Science.

The education system in our country is dynamic and innovative, and its influence is felt throughout the world. Our institutions are ranked in the World’s Top 100 Universities in Engineering & IT league table. The rankings were published by The Times Higher Education Supplement.

When the best work together, they can create the best. Our institutions are ranked in the World’s Top 100 Universities in Engineering & IT league table. The rankings were published by The Times Higher Education Supplement.

For these reasons, the government of our country is highly supportive of and encourages the education system, and it has made many efforts to improve the quality of education.

We are a young and dynamic school in a forward-looking, research-centered university,” said Prof Philip Chan, Dean of Engineering. “To carry out the education with higher efficiency and better performance under typhoon conditions, we have carried out the research project. The project is centered university,” said Prof Philip Chan, Dean of Engineering. "To carry out the education with higher efficiency and better performance under typhoon conditions, we have carried out the research project.”

Research and development are key components of the university, and they are at the core of our mission. The university is committed to providing our students with the best possible education and to preparing them for successful careers.

We are the first time a MOE Key Lab has been established in the area of display technology, and a lot of research is being carried out in the laboratory. This provided opportunities for a small number of faculty and PhD students mainly in the Department of Computer Science to work on different projects.

The mission of our university is to provide high-quality education and to conduct high-impact research. We are committed to preparing our students for successful careers and to serving our community.

The university is committed to providing our students with the best possible education and to preparing them for successful careers. We are a young and dynamic school in a forward-looking, research-centered university,” said Prof Philip Chan, Dean of Engineering.