Helen Cheng Yi Pik, a MPhil graduate, has been offered a lectureship in soil mechanics at the University of London and commenced in March 01, 2005.

Lionel Ni, who was a PhD student in Mechanical Engineering, was elected to the Chinese Academy of Engineering in May 2003 for his significant contributions to the field of computer graphics.

Eric Y W Wong, 2004 MPhil graduate, won the Hong Kong Institute of Engineers' 2005 Fugro Prize. His work on the application of computer graphics to the design of buildings received praise.

Dr. Lai and his colleagues won the Best Paper Award at the 2003 International Conference on Image Processing. His research on image processing has been influential in the field.

The project seeks to develop computer-based tools for the design of buildings in areas prone to strong winds. Prof. Kenny Kwok, Professor of Civil Engineering and Director of the CLP Power Research Centre, led the project.

A dedicated and brilliant academic respected by his peers, and a wonderful tutor viewed with equal measures of admiration and respect was Professor Hongjun Lu. He passed away in March 2005, leaving a legacy of innovation and excellence.

The World's Top Universities (Engineering & IT)

The World's Top 100 Universities in Engineering & IT league table, published by The Times Higher Education Supplement. This achievement highlights the University's commitment to excellence in engineering and technology.

The rankings were published by The Times Higher Education Supplement and are based on a range of criteria, including research, teaching, and international reputation.

Key faculty members in the School of Engineering include Prof. William Ko, Prof. Xiuli Chao, and Prof. Amine Bermak. They have been leaders in their fields and have made significant contributions to the development of the University.

The University has been ranked among the top ten institutions in the world for the number of PhD graduates in electrical engineering. This reflects the high quality of education and research at the School of Engineering.

The program runs each Spring semester with a number of students from each university working together as a team on a problem set. This fosters a sense of community and teamwork.

The program also enables participants to gain a cross-cultural experience by working with students from East and West. This is particularly important in the field of engineering, where technological advancements are rapidly changing.

The program is designed to groom future leaders in technology and business. It is taught by a team of experienced faculty members, including Prof. Xiuli Chao and Prof. William Ko.

The program also offers students the opportunity to work on research projects with industry partners. This provides students with valuable experience and helps them develop the skills needed to succeed in the job market.

The program has reached its 10th year, and the Dean of Engineering, Prof. Philip Chan, said he was delighted with the program's success. "Over the years, we have seen many talented students come through this program and go on to make significant contributions to the field of engineering.

The MSRA/HKUST IT Joint Research Laboratory is an important part of the program. It is designed to bring together researchers from both institutions to work on cutting-edge projects in the field of information technology.

The laboratory has hosted a major IT event in Beijing, and one other city in China. This year, the laboratory will host a major IT event in Shanghai.

The laboratory is open to students and researchers from around the world. It is designed to foster collaboration and innovation in the field of information technology.

The laboratory is also home to several key research projects, including the project on testing the wind. This project seeks to develop computer-based tools for the design of buildings in areas prone to strong winds.

The laboratory is supported by several key donors, including the government of the People's Republic of China, the Hong Kong government, and the University.

The laboratory is an important part of the University's commitment to excellence in engineering and technology. It provides a platform for researchers to collaborate and develop cutting-edge projects in the field of information technology.

The laboratory is also a hub for industry partners, providing them with access to the latest research and development in the field of information technology.

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technology; logistics and supply chain management; integrated circuits; advanced materials; nanotechnology, to name just a few. We also chose

these areas for their potential contribution to Hong Kong’s economic development. Our success in the rankings again vindicates our highly

Kanazawa, Japan in Nov 2004. He was awarded for his presentation on “Optimal Drift Design of Reinforced Concrete Buildings Under Seismic Time History

Lu Memorial Scholarship”, please visit the following URL for further information:

• Prof Wilson Tang

emphasis on application to geotechnical systems.

Membership in May 2003 for his significant contributions

Assistant Director of External Communications

www.seng.ust.hk/esc

contests of the Association for Computing Machinery

K.

Professor of Management in the Business School at the

Crystal Shear Viscosity Measurements.” IDW is one of the

CS teams achieved

respective campuses.

The program runs each Spring semester with a number of students from each university working together as a team on a problem set

the last. And on March 21, 2005, members of both universities gathered at Tin Ka Ping Hall on the HKUST campus to celebrate the

sponsored the program and we hope to add more and more to the list in the years to come,” he said.

(Hotter color denotes of elements of higher efficiency)

“One unique facility helping research into occupant comfort is the HKUST motion simulator, built by Prof

wind tunnel and motion simulator combined,” Prof Kwok

buildings in Hong Kong

Ni said.

in civil engineering with emphasis on

Robocon jointly with RTHK

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

Profiel Peihua Gu

Message from the Dean

Copyright © 2004 by the School of Engineering, The Hong Kong University of Science
World’s Top 100 Universities in Engineering & IT league table, published by The Times Higher Education Supplement. This achievement

Thank you all again.

Wong Yim, Leung Ming Yan, Li Chuan Ho of Mech Engineering have won different scholarships in 2005. Cheng Chin Pang of Civil Engineering received the annual Arup Best Student Award in November 2004, organized by Joint Structural Division. Cheng met the American Society of Civil Engineers (ASCE).

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

One unique facility helping research into occupant comfort is the HKUST motion simulator, built by Prof

“Hong Kong is the perfect location because the city has many high-rise buildings, many unusually shaped under typhoon conditions.

Meanwhile, the businesses involved can enhance their capabilities as a result of the students' work. (Hotter color denotes of elements of higher efficiency)

One of the sector at Honeywell, he moved into academia taking up a post at the National University of Singapore. (Image -411x888 to 919x1806)

Annual SIGGRAPH conference, the world's most prestigious event for computer graphics researchers.

Timothy Wan, a First Class Honors student of MPhil in Civil Engineering, won the "Young Engineer's Award in Nov 2004, organized by Joint Structural Division. (Image -362x-1084 to 481x-92)

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

Of the VLDB Endowment, a member of the ACM SIGMOD Advisory Board (1998-2002), an associate

International Conference on Web-Age Information Management, and co-chair (1998-2001) and chair

Professor Chan Chi-ming, Associate Dean of the School of Engineering and Co-Director of the

100 RMIT University (Australia)

5 Imperial College London (UK)

2 Massachusetts Institute of Technology (US)

At the ceremony, both the President and the Dean of Engineering also took the opportunity to thank the HKSAR and

Stay connected and keep in touch!

MSc - University of London

Director and Head of the Department of Computer

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At the ceremony, both the President and the Dean of Engineering also took the opportunity to thank the HKSAR and
World's Top 100 Universities in Engineering & IT league table, published by The Times Higher Education Supplement. This achievement is a testament to the innovative and forward-thinking approach at HKUST's School of Engineering. As you will have learned from our Cover Story in this issue of In Focus, HKUST's School of Engineering has been ranked number 20 in the world. This reflects the school's commitment to excellence in research and education, as well as its ability to attract and retain top talent.

There is great potential for industries to leverage and build high-end products and open new markets in such fields. HKUST's School of Engineering is well-positioned to contribute to these developments, thanks in part to the achievements of its faculty and students. For example, Helen Cheng Yi Pik, a MPhil graduate, has been offered a lectureship in soil mechanics at the University of London and commenced in March 2005. This is a recognition of her strong academic background and potential to contribute to the field.

In addition to academic achievements, HKUST's School of Engineering has also made significant contributions through industrial partnerships. One such partnership is the Innovation and Technology Key Lab (IT Key Lab), which is focused on advancing the state-of-the-art in information technology. The lab has been instrumental in validating the drive for excellence that HKUST seeks to provide for students, as noted by a respected computer scientist who worked at the lab.

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

An acclaimed computer scientist, Prof Hongjun Lu was without a doubt respected as he was. He was also called upon by numerous students for advice and mentoring. His expertise was in high demand, and his contributions to the field of computer science were significant. After a successful spell working in the private sector at Honeywell, he moved into academia taking up a post at the National University of Singapore. He later moved back to HKUST.

His expertise was in the area of computing and information management, and he was a key contributor to the development of the IT Key Lab. He played a crucial role in advancing the state-of-the-art in information technology, and his work has had a lasting impact on the field.

Recognizing his contributions, HKUST has established the Prof Hongjun Lu IT Key Lab Fellowship to support students in the field of information technology. The fellowship is open to qualified postgraduate students from universities in Hong Kong, and it provides a valuable opportunity for students to gain valuable experience and contribute to advancing the field.

As soon as people there know we have an IT Key Lab, immediately we get respect.
The program runs each Spring semester with a number of students from each university working together as a team on a problem set provided by the course organizers. The problems are designed to be challenging yet achievable, and they cover a wide range of topics in computer science and engineering.

The program also includes lectures and workshops by leading experts from academia and industry. These events provide students with the opportunity to learn about the latest trends and developments in their field and to network with professionals in the industry.

In addition to the problem sets and lectures, the program also includes a number of social events and activities. These include a welcome dinner, a graduation ceremony, and a farewell party.

The Bechtel Foundation Engineering Teaching Excellence Awards were established in 2002. Prior to this, the program did not make it to the top 5 finalists, the experience of competing with CEOs, entrepreneurs and

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World's Top 100 Universities in Engineering & IT league table, published by The Times Higher Education Supplement. This achievement was recognized by Eric Y W Wong, a 2004 MPhil graduate, who won the Hong Kong Institution of Engineers' 2005 Fugro Prize. His award-winning paper was titled "Centrifuge Loading."

In loving memory of Hongjun and to carry on his unswerving pursuit for the broadening of knowledge in the database research of chemical engineering.

(Chemical Engineering) has been elected to the "Boomer Business Plan Competition" organized by Santa Clara University. There were 70% of CS students came third and 17th out of a total of 67 teams.

A paper by Prof Chung-Yee Lee, Head of IEEM, was awarded with the Institution of Civil Engineers Hong Kong Association G&S Papers Competition 2004.

One renowned research area involves state-of-the-art advances in 3D graphics and design. Last year, Prof CK Tang of the Department of Computer Science, working with Prof Harry Shum, now MSRA's managing director, presented two papers at the 10th International Display Workshops (Industrial Engineering and Engineering Management) in San Francisco, also referred to as the "Chip Olympics", in February. An invitation to give research papers is highly prized by the top universities in subject areas and regions where they have expert knowledge.

Another major benefit is the opportunity for students to gain business exposure and learn about specific industries. "The students not only benefited from the mentoring by senior business leaders, but also seized the chance to network with entrepreneurs from the Office of the Secretary for Commerce and Economic Development," said Prof Philip Chan, Dean of Engineering. "This is a win-win situation for both students and alumni. It makes u's HKUST a more business-connected and entrepreneurial university, and contributes to the development of the world's top universities in subject areas and regions where they have expert knowledge."

Prof Philip Chan, Dean of Engineering, said, "Our students are definitely earning global recognition. Our students have won awards in various academic competitions and have been selected to attend numerous conferences and seminars. They have also been invited to speak at various events, such as the "Boomer Business Plan Competition" organized by Santa Clara University. There are 70% of CS students came third and 17th out of a total of 67 teams.

The regionals took place in Guangzhou and Manila with the students from HKUST taking the opportunity to thank the HKSAR and donors for their support. The students have also been invited to speak at various events, such as the "Boomer Business Plan Competition" organized by Santa Clara University.

The awards recognize the work of faculty members who have made significant contributions to the field of computer science. Among those attending the ceremony to mark the School's global achievement were guest of honor Dr. Alice Lam, Chief Executive of the Hong Kong Government's Innovation and Technology Commission, and Dr. David Chan, Dean of the College of Engineering.

"I am very proud of our students," said Prof Philip Chan, Dean of Engineering. "They have been working hard to achieve their goals, and their success is a testament to their dedication and hard work. I am confident that they will continue to excel in their future careers.

The awards also recognize the excellence of the faculty members who have contributed to the success of the students. Among those recognized were Prof Tom Mitchell, Director of the Machine Learning Department, and Prof Andrew Ng, Director of the Stanford Center for Artificial Intelligence.

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

Professor Hongjun Lu is survived by his beloved wife and his cherished daughter. His generous spirit and intellectual curiosity shall be missed by many.

IN THE NEWS

World's Top 100 Universities in Engineering & IT league table, published by The Times Higher Education Supplement. This achievement have made it. Professor Hongjun Lu

29-31 October 2003. Their work, “Time-Dependent (Civil Engineering) was given Honorary July 25-26 Hang Seng Innovative Design Competition 2004-05 June 18, 2005

In 1995, students from the Department of Industrial Engineering and Engineering Management (IEEM) met up with their counterparts Technical University of Munich (TUM) in October 2003.

In 2004, HKUST formed the SENG (Students in Engineering and Management) to foster further academic and professional development of students.

In November 2004, 22 students from HKUST and 25 students from TUM were selected as a Fellow of the Institute of Electrical and Electronics Engineers (IEEE) and the Institute of Management (IM). Their work was presented at the First IEEE-IM Student Conference in Beijing.

In 2005, SENG was recognized as one of the “Best Student Organizations” at the Royal Institute of Technology (KTH). The regionals took place in Guangzhou and Manila with software programs within a certain time limit.

In 2006, SENG was selected as a Fellow of the Institute of Engineers Australia (IEAust). The research took place in Melbourne and Sydney with technical papers completed.

In 2007, SENG was selected as a Fellow of the Institute of Engineers South Africa (IESA). The research was presented at the First International Conference on Engineering and Management in Cape Town.

In 2008, SENG was selected as a Fellow of the Institute of Engineers India (IEI). The research was presented at the First International Conference on Engineering and Management in Mumbai.

In 2009, SENG was selected as a Fellow of the Institute of Engineers Malaysia (IEM). The research was presented at the First International Conference on Engineering and Management in Kuala Lumpur.

In 2010, SENG was selected as a Fellow of the Institute of Engineers Singapore (IES). The research was presented at the First International Conference on Engineering and Management in Singapore.

In 2011, SENG was selected as a Fellow of the Institute of Engineers Thailand (IET). The research was presented at the First International Conference on Engineering and Management in Bangkok.

In 2012, SENG was selected as a Fellow of the Institute of Engineers Vietnam (IEV). The research was presented at the First International Conference on Engineering and Management in Hanoi.

In 2013, SENG was selected as a Fellow of the Institute of Engineers Indonesia (IEI). The research was presented at the First International Conference on Engineering and Management in Jakarta.

In 2014, SENG was selected as a Fellow of the Institute of Engineers Malaysia (IEM). The research was presented at the First International Conference on Engineering and Management in Kuala Lumpur.

In 2015, SENG was selected as a Fellow of the Institute of Engineers Australia (IEAust). The research was presented at the First International Conference on Engineering and Management in Melbourne.

In 2016, SENG was selected as a Fellow of the Institute of Engineers Singapore (IES). The research was presented at the First International Conference on Engineering and Management in Singapore.

In 2017, SENG was selected as a Fellow of the Institute of Engineers Thailand (IET). The research was presented at the First International Conference on Engineering and Management in Bangkok.

In 2018, SENG was selected as a Fellow of the Institute of Engineers Vietnam (IEV). The research was presented at the First International Conference on Engineering and Management in Hanoi.

In 2019, SENG was selected as a Fellow of the Institute of Engineers Indonesia (IEI). The research was presented at the First International Conference on Engineering and Management in Jakarta.

In 2020, SENG was selected as a Fellow of the Institute of Engineers Malaysia (IEM). The research was presented at the First International Conference on Engineering and Management in Kuala Lumpur.

In 2021, SENG was selected as a Fellow of the Institute of Engineers Australia (IEAust). The research was presented at the First International Conference on Engineering and Management in Melbourne.

In 2022, SENG was selected as a Fellow of the Institute of Engineers Singapore (IES). The research was presented at the First International Conference on Engineering and Management in Singapore.

In 2023, SENG was selected as a Fellow of the Institute of Engineers Thailand (IET). The research was presented at the First International Conference on Engineering and Management in Bangkok.

In 2024, SENG was selected as a Fellow of the Institute of Engineers Vietnam (IEV). The research was presented at the First International Conference on Engineering and Management in Hanoi.

In 2025, SENG was selected as a Fellow of the Institute of Engineers Indonesia (IEI). The research was presented at the First International Conference on Engineering and Management in Jakarta.
World's Top 100 Universities in Engineering & IT league table, published by The Times Higher Education Supplement. This achievement was based on a rigorous criteria of having excellent overall academic results during the whole course of their study.

Our initial plan is to make use of the revenue generated from the fund to support charitable activities. Prof Hong Kam Lo is a dedicated and brilliant academic respected by his peers, and a wonderful tutor viewed with equal measures of affection and reverence by his students. His generosity and commitment to education have made him a role model for others.

Prof Fugee Tsung, an acclaimed computer scientist, Prof Hongjun Lu was without a doubt one of the pioneers of database development in China. His desire to bring down barriers in the world was reflected in his work. Indeed, nothing could be more symbolically fitting than that this modest man, who was born in poor circumstances, was able to come so far.

During the annual SIGGRAPH conference, the world's most prestigious event for computer graphics researchers, HKUST's Department of Computer Science presented two papers. These papers contributed to the advancement of the field and validated the drive for excellence that HKUST seeks to provide for students. Prof Ni explained: "The status of the IT Key Lab will be evaluated by MOE after five years, based on performance. This is a rigorous criterion to ensure the continued excellence of our research." The Key Lab is an academic research institute that focuses on innovation and technology development in the field of IT.

The Confluence Mentorship Program is expected to continue to be organized annually as part of the many enrichment activities offered by the School of Engineering. The program aims to encourage students to seek guidance and support from professionals in the industry. "We are a young and dynamic school in a forward-looking, research-centered university," Dean of Engineering Prof Edward Youde said. "Through our various enrichment programs, we provide students with opportunities to gain real-world experience and develop their skills."

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

An industrial organization, with a strong focus on research and development, sought the expertise of HKUST's department in the field of information management. This collaboration led to the successful completion of a project that gained international recognition. Similar to the work of Prof Hongjun Lu, who was known for his contributions to the field of database development, the project showcased the importance of technological innovation and collaboration in pushing the boundaries of what is possible.

Eric Y W Wong, 2004 MPhil graduate, won the Hong Kong Institute of Engineers' 2005 Fugro Prize. His research focused on developing a prototype using the cheapest complementary metal oxide semiconductor (CMOS) technology available. This work demonstrated the potential for cost-effective technology solutions in the field of electronic design automation (EDA).

In the past year, HKUST has been acknowledged as a global leader in research and development, and as a hub for academic exchange and collaboration. For instance, students from the School of Engineering participated in joint meetings at Stanford and HKUST, made company visits, and presented papers at the annual SIGGRAPH conference, thus further developing and deploying their skills in the market.

The top 10 universities in the World's Top 100 Universities in Engineering & IT league table are as follows:

1. University of California, Berkeley (US)
2. Massachusetts Institute of Technology (US)
3. Stanford University (US)
4. University of Texas at Austin (US)
5. University of Illinois at Urbana-Champaign (US)
6. University College London (UK)
7. University of Oxford (UK)
8. Imperial College London (UK)
9. University of Cambridge (UK)
10. Technical University of Munich (Germany)

Researchers are already in the process of revising their methodologies to improve accuracy and reliability, in order to better support the drive for excellence. Prof Kwok, the project's principal investigator, was said, "We are committed to ensuring that our research is of the highest quality and that our findings contribute to the advancement of knowledge."

In addition, the project is expected to continue to be supervised by Prof Philip Chan, who has been instrumental in the development of the research. "We are excited about the potential of this work and the impact it could have on the field," Prof Chan said. "We are committed to pursuing excellence in our research and to making meaningful contributions to society."