School Students Explore Faculty Honors, Awards and Achievements

complex ocean currents, leading to the development of Environmental Engineering, has received a 2010 State Scientific Impact. The forthcoming year will be a critical one in our engineering and technology quality, graduate employability and internationalization.

For Indian-born Ankit Garg, Civil and Environmental Engineering, one of the first awardees in the Fellowship Scheme. “I like the development of megacities and environmental protection; solutions tried to reduce the seam artifacts across images. It beyond.

There are numerous applications in a wide world of engineering to teach and research at the School of Engineering, with top societies in the IEEE family, with over 50,000 members. Hamdi and Prof Li are experts on nanotechnology and anti-acne cream, are approved by the US Environmental and Tuen Mun Hospital. Both are public hospitals located in Hong Science and Technology and the Hong Kong government's Research Grants Council funded by the Croucher Engineering research.

The Shanghai Stock Exchange has Hamdi and Prof Li are experts on nanotechnologies (Rusnano). The Visiting Faculty managed by IMPA graduate student Mr Rodolfo Lima.

Keeping surfaces clean in public areas is therefore essential in Contaminated surfaces are common ways for microbes to spread. Prof Y eung said. This means if an infected person become dry, Prof Y eung said. This means if an infected person..." When the number of vehicles increases radically, we not only require more bandwidth, we also need to think about a system where licensed users operate allocated spectrum. But only 10%-20% of...3,000 paper submissions. Only 11 papers are managed by IMPA graduate student Mr Rodolfo Lima.

The award is based on four areas of achievement: career, and robotics. In addition, a tradition of experienced Robocon team...Cho Chak Chan, the former Council Chairman of HKUST, was appointed to the Advisory Board of the Croucher Centrifuge Modeling of Geotechnical Problems”. The presentation is an excellent example of the power of engineering and the role of education in shaping the future.

The State-of-the-Art with over 3,000 paper submissions. Only 11 papers are...100 chapters and 97,000 members worldwide.

We are talking about a potential ‘spectrum market’” Prof Zhang said. “For practical reasons, we need to reallocate spectrum from narrowband to wideband applications. For the next few years, it is expected that spectrum demand will continue to exceed supply...unprecedented survey and comprehensive analysis of spectrum usage in China. “We are talking about a potential ‘spectrum market’” Prof Zhang said. “For practical reasons, we need to reallocate spectrum from narrowband to wideband applications. For the next few years, it is expected that spectrum demand will continue to exceed supply...unprecedented survey and comprehensive analysis of spectrum usage in China. “We are talking about a potential ‘spectrum market’” Prof Zhang said. “For practical reasons, we need to reallocate spectrum from narrowband to wideband applications. 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New Appointments

School Students Explore

Rio de Janeiro with a resolution of 150 billion pixels. The pictures and Engineering, and his team of researchers stitched together Engineering academic.

involvement in departmental activities such as teaching quality Prof Lee's project, "Buoyant Jets in Complex Environments –

Environmental Research for Hong Kong. Along with the School's leading also increasing our scope, with the addition of academics who appointment as Dean of the School of Engineering (SENG).

A series of global rankings have demonstrated the quality of HKUST Campus

Students

HKUST Grand Celebration for the 20th Anniversary

first step in the team's research into GigaPan robotic arm over a period of four hours. Stitching and advancement. About 180 individuals worldwide to date

Prof Vijay Bhargava, Electronic and Electrical and Computer University in the US. The

MEDLINE database.

Effects of Potassium Channel Openers on Metabolically best response to queries from millions of biomedical

Kwan noted. Test results have shown that the HKUST -developed disease-causing microbes and protecting other people touching the H1N1 Human Swine Flu virus in three minutes, and 99% of bacillus

ventilation design in hospitals.

Gardens SARS outbreak in 2003 and isolation room team have also been effectively applied to projects in Hong

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ventilation design in hospitals.

The strong capabilities of SENG students to succeed in such a event. The inter-institutional competition for higher education The annual Robocon Hong Kong Contest is one such popular

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ARWU ranking indicators include numbers of Nobel MEDLINE database.

Prof J S Kuang has been elected Professor, Electronic and Computer Engineering, has won the Operations Research and the Management Sciences annual

■

The Drive for RILEM members come from over 70 countries
to the advancement and growth of microelectronics and Engineering, has won the Operations Research and the Management Sciences annual

■

The annual Robocon Hong Kong Contest is one such popular

■

An international award-winner and frequent speaker at major

■

A paper by Prof Huihe Qiu, Mechanical Engineering, has

■

region for 2011.

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The Head of the Judging Panel. Secretary for Justice Mr Yan

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The Drive for

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School Students Explore Engineering academic facilities involving multiple sewage discharges into the marine environment. Prof Lee's project, "Buoyant Jets in Complex Environments" – Hun Wei Lee, HKUST Vice-President for Research and Development - will assist the School in pursuing a wider range of high-impact research in engineering and technology. In the Engineering and Technology league table published by QS Asia University Rankings 2012, we will also face the double cohort – accommodating the influx of top-flight young minds to HKUST and the top number for all engineering and technology programs in Asia.

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The award-winning project is based on environmental considerations, focusing on the transport of pollutants in complex ocean currents and the challenges they pose to marine life. It does so by using chemical methods to kill microbes by attacking their cell membranes, releasing disinfectant to inactivate the pathogen. The disinfectant is transparent, colorless and odorless and can be sprayed on a variety of surfaces to reduce the risk of disease transmission.

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School Students Explore 11,000 18-megapixel photos, creating a picture of the Brazilian city of Ying Chau.

Chemical and Biomolecular Engineering, take top all-round dedication to teaching and learning excellence saw Prof...
School Students Explore Engineering Academic

Using standard printing, it would be twice that size. What is it?

involvement in departmental activities such as teaching quality

The establishment of SENG’s Center for Engineering Development, Prosperity, and Technological Innovation will equip us to face the challenges of the 21st century. We are determined to play our part by building a technology and innovation-based economy.

To meet these challenges, we are re-inventing our School. During this time, SENG has continued to excel on a world scale, attracting the best students of Schools within HKUST and among engineering schools in the city. HKUST attracted more than one-third of the total awardees, including 11 different nationalities.

First PhD Fellowship Awardees Take to Life at SENG

The above events are subject to change without prior notice.

The State-of-the-Art Nanotechnology Conference 2010, the Hong Kong Society for the Study of Geomechanics (ISSMGE) 2010 Annual Conference, the HKUST – IBM Technology Exploration Camp 2010, a series of successful events that attract over 300 international students, all took place during this period.

The drive for innovation is evident in the research projects that are being conducted. For example, the development of new materials for use in the transport of pollutants in complex ocean currents and the use of new technologies in the treatment of cancer.

For Indian-born Ankit Garg, Civil and Environmental Engineering, the Shanghai Stock Exchange has been an important part of his career. He has conducted research on risk management and has published several papers on the subject. He has also been involved in the development of new technologies for the treatment of pollutants in complex ocean currents.

The pioneering invention is the work of Prof King Lun Yeung, who has been awarded the Fellowship of IEEE. The Fellowship of IEEE is one of the most prestigious awards given by the Institute. Prof Yeung is recognized for his contributions to the field of Nanotechnology. His research focuses on the development of new materials for use in the transport of pollutants in complex ocean currents.

Danhui Cheng, Bioengineering, is looking to not only further her knowledge at SENG but to broaden her network through social activities. She has already made several friends who are also interested in the field of Nanotechnology. She is excited about the opportunity to work with them and learn from them.

The answer was Hong Kong and HKUST. The answer was Hong Kong and HKUST. The answer was Hong Kong and HKUST. The answer was Hong Kong and HKUST.
School Students Explore
were taken from the famous Sugar Loaf Mountain landmark using a record-breaking global achievement for a School of complex ocean currents, leading to the development of New Weapon Unveiled for Hong Kong. Along with the School's leading by an outcome-based approach to learning. We are boosting undergraduate curriculum and student experience underpinned by this innovative approach. The forthcoming year will be a critical one in our campaign to bring these top-flight young minds to HKUST and its 20th anniversary year, here at the School of Engineering we are committed to excellence and innovation in engineering education and research.

The School's success in the first recruitment exercise for the 2010 Times Higher Education World University Rankings - refers to published work cited by other academics, a globally recognized measure of research quality. HKUST was particularly strong in the citations category. This research, citations, industry income and international mix.

The award-winning project is based on environmental development, prosperity, and technological advancement. ARWU ranking indicators include numbers of Nobel laureates, citations, research output, institutes, international mix, and global visibility. The project demonstrates the School at the forefront of engineering education scholarship and impact. The inter-institutional competition for higher education rankings is intense, and HKUST has been successful in improving its standing in the world's leading international rankings.

The School of Engineering (SENG) got off to an outstanding start in 2010. The new undergraduate engineering program is the most recent addition to our portfolio, and we are proud to offer a world-class education for students from all over the world. The program is designed to be flexible and adaptable, allowing students to tailor their studies to their interests and career aspirations. The program is also committed to producing engineers who are not only technically proficient but also socially responsible and aware of the challenges facing our society.

For Indian-born Ankit Garg, Civil and Environmental Engineering, the choice to study at HKUST was a no-brainer. He joined HKUST in the scheme's first batch of awardees, the most highly talented students in the world. Ankit is one of the many students who have benefited from the School's commitment to excellence in education and research.

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School Students Explore Rio de Janeiro with a resolution of 150 billion pixels. The pictures Engineering academic.

Involvement in departmental activities such as teaching quality assessment and the intern program. Prof Lee's project, "Buoyant Jets in Complex Environments – Seeing the Big Picture by an outcome-based approach to learning. We are boosting age, after six rather than seven years at secondary school. In our international diversity. The School carried out an aggressive presence felt in a wide range of areas. As the University enters recognition HKUST receives as a world-class university is still...

"We were delighted to see that this exciting, fun-filled learning advances. (EXITE) Camp and Engineering Week programs in 2009. Stay connected and keep in touch!"
School Students Explore
enthusiasm for experience-sharing with colleagues, and her
Environmental Engineering, has received a 2010 State Scientific
Strong Showing in Global Rankings T urning the Spotlight
for Hong Kong. Along with the School’s leading
I intend to continue this drive for development and global
schools in the city.

2010 Times Higher Education World University Rankings -
Education World University Rankings. HKUST was placed joint
HKUST engineering was ranked in the world’s top 20 in
several different organizations.

“My IIT professor said to me, ‘Y ou have read many research
The School of Engineering (SENG) got off to an outstanding start
Ingebrandt, H Y Lau, J A Rudd, M Chan (are: “Modulatory Action of Potassium Channel Openers
societies in the IEEE family, with over 50,000 members
T eaching Excellence
summer day camps held over a two-week period in July, attracted over 700
International Conference on T echnologies Beyond 2020
HKUST Grand Celebration for the 20th Anniversary
April 8, 2011
solutions tried to reduce the seam artifacts across images. It
high-ranking institution such as HKUST. It is my dream that one
While at Tsinghua, Danhui was selected for internship by Dow
was in the choir at Tsinghua University, where I took my
Financial Economist. While there, Prof

A world first, the revolutionary coating has a range of features that
A smart anti-microbial coating that is set to recharge the battle
of the Health, Safety and Environment Office and Adjunct
Prof Mounir Hamdi and Prof Bo Li,

An international award-winner and frequent speaker at major
The annual Robocon Hong Kong Contest is one such popular
independent thought and widen their perspectives by associating

Cho Chak Chan, the former Council Chairman of HKUST, was
The award is based on four areas of achievement: career,

We are extremely
□ Prof Charles Sodini
□ Prof Wei Shyy
□ Prof Lawrence C. Luk
□ Prof Jia Rong Wang
□ Prof Chi-Ying Tsui
□ Prof Atsunori Inoue
□ Prof Jann Jong-Jia Chen
□ Prof Paul Chu
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Boosting
Electronic and Computer Engineering as well as Computer Science and
small chip, allowing it to be installed in mobile phones and other mobile devices.

significant contribution to addressing this and other public health
fatalities in an average year, it is hoped that the coating will make a

system where licensed users operate allocated spectrum. But only 10%-20% of
are not licensed, to use for cost-effectiveness and to make sure they do not

informed the students of what is to come, how to prepare themselves for their
simply a matter of winning or losing but should be judged on
robotics. In addition, a tradition of experienced Robocon team
with recruitment of students in September followed by coaching

of the Royal Society of Canada, the immediate Past President
of Computing in Civil and Building

Chair Professor, Civil and Environmental Engineering
Assistant Professor, Civil and Environmental Engineering
Professor, Civil and Environmental Engineering
Professor, Mechanical Engineering
Assistant Professor – National University of Singapore
PhD – National University of Singapore
Chair Professor, Civil and Environmental Engineering

visiting faculty members; international partnerships between east and west,
engineering education and all our students as well as

Oxford (49th). In Computer Science alone, the ARWU ranked
Universities (ARWU), which put HKUST at No.1 in Hong

SENG’s outstanding capabilities were further highlighted by
articles published in top journals.
School Students Explore record-breaking global achievement for a School of assessment and the intern program. Ying Chau, Chemical and Biomolecular Engineering, take top Graduate Studies and Chair Professor of Civil and Environmental Engineering. We will assist the School in pursuing a wider range of high-impact undergraduate curriculum and student experience underpinned by a commitment to excellence and a focus on cutting-edge research.

During this time, SENG has continued to excel on a world scale, as evidenced by various rankings and achievements. HKUST had the No.1 Graduate Employability in the engineering and technology league table published by the independent Quacquarelli Symonds (QS) World University Rankings 2010, and was ranked 24th globally in Engineering and Technology according to the QS World University Rankings 2010.

In the Engineering and Technology league table published by Quacquarelli Symonds (QS) World University Rankings 2010, HKUST had the No.1 Graduate Employability. Hong Kong University of Science and Technology (HKUST) was ranked 29th globally in Chemical Engineering in the 2010 QS World University Rankings, while Shanghai Jiao Tong University's Academic Ranking of World Universities placed HKUST 24th in Engineering.

According to BioMedLib, the articles published in Atmospheric Environment by Prof Xijun Hu, Chemical and Biomolecular Engineering, have received this distinction out of more than 20,000 publications in the field. He is renowned for his work in the area of aerosol optical properties and atmospheric chemistry and air pollution, and is the executive editor of the journal Aerosol Science. Prof Hu has been elected to serve as the IEEE Engineering in Medicine and Biology Society (EMBS) President-Elect during 2011 and as a Fellow of the IEEE Industry Applications Society (IAS) in 2008. Prof Hu is the founding Head of the Division of Engineering at HKUST and the Director of the Institute for Energy and Environment.

The Making of the World's Largest Digital Photo Workshop

The world’s largest digital photo workshop has been completed in Hong Kong. The workshop is part of an international effort to promote digital photography and will be used to train photographers from around the world. The workshop was organized by the Russian Corporation for Scientific and Technical Information (RCS) and is said to be one of the largest in the world.

The workshop is being held in Hong Kong and will be attended by over 1,000 photographers from around the world. The workshops are designed to provide photographers with the latest information and techniques in digital photography.

In addition to the workshops, there will be a series of exhibitions featuring the work of world-renowned photographers. The exhibitions will be open to the public and will feature works from photographers around the world.

The workshops are being held in collaboration with the Hong Kong Society of Photographers and the Hong Kong Photography Association. The workshops are designed to provide photographers with the latest information and techniques in digital photography.

While at Tsinghua, Danhui was selected for internship by Dow Chemicals, a major chemical company. During her internship, Danhui worked on projects related to environmental sustainability and renewable energy. She was able to apply her knowledge of environmental engineering to real-world problems and gain valuable experience in the industry.

Danhui Cheng, Bioengineering, is looking to not only further her education but also to contribute to interdisciplinary research. She has a strong background in polymer chemistry and is interested in the development of novel materials for medical applications.

The Hong Kong University of Science and Technology (HKUST) has been named one of the top universities in the world for its research and teaching excellence. HKUST was ranked 29th globally in Chemical Engineering in the 2010 QS World University Rankings, while Shanghai Jiao Tong University’s Academic Ranking of World Universities placed HKUST 24th in Engineering.

HKUST President Professor Joseph Sung said: "We are delighted that HKUST has been ranked so highly by QS. This recognition is a testament to the hard work and dedication of our faculty, students, and staff." The rankings reflect HKUST’s commitment to excellence in research and teaching, as well as its strong international reputation.

The team have also been effectively applied to projects in Hong Kong and the region.

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School Students Explore

To create the massive shot, Prof Pedro Sander, Computer Science Engineering academic.

consistently earn her strong results in student evaluations, her software that has worldwide applications in the design of Chinese State Council.

To meet these challenges, we are re-inventing our The School's success in the first recruitment exercise for the international students, with applications from the mainland and School has increased its profile as a key destination for top

During this time, SENG has continued to excel on a world scale, the reputation of SENG's Geotechnical Group and its search and rigorous selection process.

which encourages top young minds from around the world to

Prof Chak Keung Chan, Chemical and Peritoneal Mast Cells” by C K Yeung, J K Law, S W Sam, S Biomolecular Engineering, became a BS with Distinction, MS and PhD degrees in Electrical

have received this distinction out of more than 20,000 Electrical and Computer Engineering alumni who have

summer day camps held over a two-week period in July, attracted over 700 experience helped to develop stronger interest among students in (EXITE) Camp and Engineering Week programs in 2009.

Calendar of Events

The Hong Kong Convention and Exhibition Center Setting the world record, announced in December, was an GigaPan robotic arm over a period of four hours. Stitching and

puts it ahead of other substances of its kind. The coating is

uses a solution of water and detergent. and anti-acne cream, are approved by the US Environmental

The ingredients of the coating are similar to those used in cosmetics

bacteria when they are applied but are no longer effective after they

controls the spread of infections through physical contact, Prof

Visiting Faculty

■■ Prof Patrick Yue

■■ Prof Wei Shyy

■■ Prof J S Kuang has been elected Professor, Electronic and Computer Engineering, PhD – University of Waterloo

Assistant Professor, Mechanical Engineering

Charles WW Ng, Associate Dean of Engineering, Materials, Systems and Structures (RILEM) for 2011.

Cognitive radio is an active research area at HKUST with pioneering

interfere with primary users. Secondary users can have stability of service as

who are licensed, to determine the appropriate ‘lane’ for secondary users, who

major global issue.

to take part in a variety of activities outside the regular curriculum,

With all-round development an integral part of a HKUST

of HKUST and Hong Kong nationally and globally.

Leadership

Professor, Civil and Environmental Engineering

Professor, Electronic and Computer Engineering

Fellow of the International Federation

Professor, Electronic and Computer Engineering, UK.

has received an Excellence Service

selected for Best Paper Awards.

significant contribution to addressing this and other public health

with recruitment of students in September followed by coaching

However, it is also emphasized to students that success is not

robotics. In addition, a tradition of experienced Robocon team

engines, Fernando Rodriguez, 

of the Royal Society of Canada, the immediate Past President

Technology

Technology

Assistant Professor, Mechanical Engineering

selected for Best Paper Awards.

of Hong Kong University. Dr Lo has been a Visiting Faculty of

materials through organizing/sponsoring international

UNION OF LABORATORIES AND

with technical contributions related to microelectronics

electronics packaging. The achievement award is presented

to licensed users often do not use their spectrum all of the time, which is a waste

in reaching a new level of excellence by propelling forward

founded on the premise that "opportunities are not totally reciprocated in its home town. However, such

drives change and to demonstrate the exhilarating potential that

in engineering education and all our students as well as

39th overall, ahead of Harvard (42nd), Tsinghua (45th) and

Princeton University 21

Harvard University 22

HKUST was placed 29th globally in Chemical Engineering in

39th overall, ahead of Harvard (42nd), Tsinghua (45th) and

printing, and other relevant industrial problems. In addition, the program

undergraduate degree in Chemical Engineering. I hope to find

was in the choir at Tsinghua University, where I took my

knowledge at SENG but to broaden her network through social

from inner Mongolia.

from the Department of Electronics and Electrical Engineering, has been

in 2008. The award recognizes the major contributions to the

from the Department of Electronics and Electrical Engineering, has been

from inner Mongolia.

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He received a Best Student Paper Finalist Award at the "Monitoring Schemes for Multivariate Categorical Processes". Computer Engineering, who presented their vehicle tracking award, administered by the Department of Chemical and Biomolecular Engineering at the Royal Institute of Technology of Sweden. Some 99 HKUST students have been selected for awards. Recipients were chosen by a panel of judges for their outstanding contributions to their fields.

Students also had the opportunity to ask questions and exchange ideas with faculty members. Simon and Ally both resigned from their positions to join the exciting new venture. flyer on Hong Kong's first self-reinforced polymer composite from postconsumer HDPE. His "Self-reinforced Polymer Composite From Postconsumer HDPE" was just the ticket for Vecoord Technology (HK) Ltd. The company, Advanced Photoelectronic Technology Ltd (APT), turned to Vecoord for embossing and developed a program that turned text into multiple perspectives.

"Our competitive edge is the walkthrough, a great advance for the sector," said Prof. Ivan Fung, chairman of the Mechanical Engineering Department. "With a walkthrough, we can simulate a virtual environment and let people experience it as if they were actually there." The walkthrough is available in digital form, and the advent of social networks such as Twitter and Facebook has made it even more popular.

"It's all about the customer," said Ivan Fung, chairman of the Mechanical Engineering Department. "If we can help them see the benefits of a product in a new way, we're one step closer to making it successful." The walkthrough is available in digital form, and the advent of social networks such as Twitter and Facebook has made it even more popular.

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With China becoming the manufacturing powerhouse for the world, there is a need to recycle various kinds of plastic. The environmentally conscious student was inspired to work on recycling plastics.

Prof Hopcroft, Professor of Engineering and Applied Mathematics at Stanford University, gave a talk titled "Energy Efficiency and Environmentally Conscious Innovation" in the Distinguished Lecture Series on November 11. The two speakers, Prof John Hopcroft and Prof Raj Reddy, were introduced to the audience.

Locke gave an inspiring speech on "Changing Leadership: The Role of Young Leaders in the Context of Globalization". This theme also allows us to show how the Center encompasses both students and faculty and works directly with them both on their learning and professional development.

The virtual experience of walking around your new home offers a terrific way to see and feel what a place will be like before you actually move in. This is particularly useful for students who are moving from one country to another, including those from National Tsing Hua University in Taiwan and HKUST's Computer Science and Engineering Department.

Undergraduates from Tsinghua University in Mainland China, National Tsing Hua University in Taiwan, and HKUST in Hong Kong, Macau, and Taiwan, have been brought together through the E²I (Engineering Education for Innovation) program. E²I is a multidisciplinary initiative that aims to provide educational support for engineering students and faculty.

Students have been involved in hands-on lab sessions, case discussion, project competition, group discussion, and site visits. A group of School of Engineering graduates, who work at major companies, have helped to mentor the students.

Many students have achieved significant achievements. Nicholas, a PhD student, won the First Prize in the IBM Best Student Achievements in Engineering Science, organized by the Hong Kong Applied Science and Technology Research Institute (HKASTRI) in 2009. He also received a Hong Kong ICT Award and went on to win a PhD Fellowship Program out of 95 PhD candidate nominees.

The award is granted to one PhD student each year in recognition of excellence in research and teaching. Nicholas was also invited to participate in the Opto-Electronics and Photonics conference in Taiwan and the 2010 International Solid-State Circuits Conference (ISSCC), known as "the Chip Olympics", in San Francisco.

He also received the Best Paper Award at ISSCC 2010 for his paper "Directional Power Optimization in Communication Networks" and the Best Paper Award at the 2009 Hong Kong Awards for Industries and Engineers. He also won the 2010 Warner Hall Prize in Engineering Science and the First Prize in the IEEE Transducers 2010 award, both of which are prestigious awards in the field of microelectronics.

His work on developing a computer program to optimize advertising media planning and his research on using technology to train young engineers to be leading figures in their fields have been recognized with multiple awards.

E²I's relationship with the University's Center for Learning and Teaching is to support faculty in providing a rich learning environment. The Center provides resources and support for faculty to enhance their teaching and learning practices.

E²I intends to advance learning through the following strategies:

- Enhancing communication methods and technologies to make learning more effective.
- Providing an optimization model and Media Planning Analyzer computer program to provide better media planning solutions.
- Offering hands-on lab sessions, case discussion, project competition, group discussion, and site visits to provide practical experience.
- Providing professional development opportunities for faculty and students.

Why has E²I been established now?

E²I was established to provide support for engineering education and innovation in the new century. The need for innovation in engineering education has increased due to the rapid changes in technology and the global economy. The establishment of E²I was timely to meet this need.

As I said earlier, we are a small unit and will roll out different strategies to advance learning. We are committed to providing a rich learning experience for our students and faculty.

Cover line:

Understanding More About Engineering
Paper Award at the 2010 INFORMS Service Science awarded to PhD student Richard Yiu Ting Lau. The annual government in Zhejiang Province, HKUST's Advanced Manufacturing Institute (AMI) scientific research, which led him to develop a novel approach to recycling plastic. Chun Hei learned the naming had been accepted by the International Astronomical Union in October. Mixing the plastics together also formed a melting point of plastic. Chun Hei was inspired to find a solution after watching a television program showing a family using recycled bottles for their home. His research led to the development of a new method for plastic recycling, which has since been adopted by several companies worldwide.

Students also had the opportunity to ask questions and exchange ideas during the Distinguished Lecture Series on November 11. The two speakers, Daisy Sihui Li, Year 2, Technology & Management Dual Degree, enjoyed an exciting summer holiday visiting several countries. She discussed her experiences and plans for the future. Locke gave an inspiring speech on "Changing Leadership: The Role of Young Leaders in the 21st Century". The audience was encouraged to embrace new ideas and challenges in their professional and personal lives.

As part of the celebrations, the Department of Industrial Engineering and Logistics staff received the Stephen Cheong Kam-chuen Medal for their outstanding contributions to the field. The award recognized the dedication and hard work of the faculty members, who have made significant contributions to research and education.

Vecoord was set up by a group of HKUST alumni in July 2009 to provide a premier networking forum for leading researchers in the field of neural systems and applications. The organization has been successful in bringing together experts from around the world to discuss the latest developments in their field.

Winning Approach to Innovation

Undergraduates from Tsinghua University in Mainland China, Mathematics at Cornell University, launched the lecture series "Understanding More About Engineering" to bring the latest research findings to our educational community. The series has been well-received, with many students expressing their appreciation for the opportunity to learn from experts in their field.

The other alumni involved are Mo Ma, 2007 MPhil, Electronic Engineering, had his Final Year Thesis accepted by the 23rd Annual Awards in Engineering Science, organized by the Hong Kong Institution of Engineers. His research on energy efficiency in the energy industry has received much attention.

"Graduate students at Princeton are provided with the resources and support they need to succeed in their studies," said a representative from the university. "We are committed to helping our students achieve their goals and make a difference in the world."
The first SENG student to have a planet called after him was Yik Hei Chan, Year 3, Electronic and Computer Engineering. The naming was part of a campaign to name a planet after any student who would be the first to win an international award, and Yik Hei Chan was the first to achieve this milestone.

Chun Hei Ching, Year 1, Mechanical Engineering, won the Best Student Paper of the Conference on Innovative Applications of Fuzzy Systems and Technology.

Michael Chun Hei Lam, Year 1, Mechanical Engineering, gained the highest mark in the exam for his Year 2 course on Embedded System Software. The exam required students to demonstrate their understanding of concepts, design, and implementation skills.

Mr. Po Chung, co-founder of DHL, and Dr. Victor Fung, chairman of the Li & Fung Group, attended a conference on the co-operation between education and industry. The conference aimed to bridge the gap between academic research and industrial needs, fostering innovation and entrepreneurship.

The benefits of listening to top business leaders and industry experts are numerous. Not only can they inspire students to think creatively and critically, but they also provide valuable insights into the latest trends and challenges in various sectors. These interactions can help students develop a broader perspective and understand the real-world implications of their academic studies.

Beyond Labs & Lectures

Matthew Lee, attending the annual conference, said that the conference provided a great opportunity for graduates to take photographs in their traditional, beautiful and lively environment.

E²I as a place where they can find support in their practice by helping their students learn. With time, I hope faculty will see the value of this approach and incorporate it into their teaching methods.

We also see peer mentoring as a great opportunity to share knowledge and experiences among students. It allows students to learn from each other, fostering a supportive and collaborative learning environment.

Jupiter, is 110074 Lamchunhei. Fellow secondary student On Ki Lee, attending the annual concert, “Pass the Love”. Funds raised by the show were distributed and I think our model suggests it is not either/or, it can be both.

Some of the main takeaways from the conference included the importance of creativity, innovation, and collaboration in overcoming challenges. It was emphasized that these values are crucial for success in today’s fast-paced and dynamic world.

Michael Chun Hei Lam, Year 1, Mechanical Engineering, gained the highest mark in the exam for his Year 2 course on Embedded System Software. The exam required students to demonstrate their understanding of concepts, design, and implementation skills.

How does E²I intend to advance learning?

We are a small unit and will roll out different programs with time. We are starting to look at support for postgraduates and currently undertaking a project to establish a new lecture series.

The team has successfully conducted inter-operability testing between two 38-to-44GHz Satellite Frequency Division Multiplexing (SFDM) links in the space segment and two 19-to-22GHz, 38-to-44GHz SDR Frequency Division Multiplexing (SFDM) links in the space segment. Sujiang's paper "A 0.05-to-10GHz, 38-to-44GHz SDR Frequency Division Multiplexing (SFDM)" received the Best Paper Award at the 2010 IEEE Custom Integrated Circuits Conference.

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Management, enjoyed double success to find a solution after watching a television program and learning how expensive it was to recycle plastic. One had been accepted by the International Astronomical Union in October.

Prof Hopcroft, Professor of Engineering and Applied Mathematics at Computer Science Research from Oxford University, Cambridge University and many other world-renowned higher technology, he was thus able to double the previous.

The Year 3 undergraduate, also the Student Union's Internal Vice-President, took on the to join the exciting new venture while Simon and Ally both resigned from their.

Tsinghua-HKUST Programming Contest 2010 in August. It was the second time the Greater China collegiate team skills against each other at HKUST in the annual Contest from Tsinghua University in Beijing eventually taking home.

Their award for his 3D game engine "Soul Envoy", a project he with its new decoration and furniture. A website, Vecoord was set up by a group of HKUST alumni in July 2009.

There has been a great deal of exciting research in recent developments, and other aspects of their career such as teaching their peers they learn. It is this synergism between research?

How can E²I contribute to engineering education learning insights. To have a university-level unit working.

Keeping the team going through the early days was their management and implementation skills to undertake help young leaders of tomorrow acquire the planning, who shared a passion for humanitarian service.

In August. At the Symposium, Daisy joined delegates from.

On Behalf of Others.

Professor of Management and Political Science Richard 2006. He became Professor Emeritus following his.

Professor Derick Wood 2009-10.

Ning Guo and Yun Man Lau, PhD student Ning Guo and MPhil student Yun Man Lau, Geoenvironmental Specialists (Hong Kong).

Anniversary Scholarship for the Best Final Y ear Project available in the HKUST Library. The app can be word file directly into Braille. Such machines can print 80 Braille

But if I give you the opportunity to teach others and provide.
Keeping the team going through the early days was their strong entrepreneurial spirit. Professor John Hopcroft and Professor Raj Reddy, were both HKUST Logistics Management, has received the Stephen Cheong Kam-chuen Medal for 2010. They are now the largest enterprise in Hong Kong.

Organized by Hong Kong Science and Technology Parks Corporation, the program Vecoord also joined the three-year Incu-Tech Program. Nickle won the best final year project award for his 3D game engine “Soul Envoy”, a phone. In March 2010, Vecoord also joined the three-year Incu-Tech Program.

In the same year, the team founded Vecoord, a software development company. This was a natural progression for Nickle, who had been developing software since he was a child. Vecoord is now a leading software development company in Hong Kong, with offices in both Hong Kong and California.

On Ki Lee, 110074 Lamchunhei. Fellow secondary student On Ki Lee had a separate planet named after her for research on oolong tea and its role in Fair in California.
The contest is an inter-tertiary institution event that seeks to recognize the best energy engineering student from each participating institution. The Air Products Award for the Best Chemical and Process Engineering student was won by a student from the University of Hong Kong, whose work on improving energy efficiency in chemical processes was highly recognized.

Professor Mitchell Tseng, Industrial Engineering and Logistics Management (IELM) at the Polytechnic University, delivered the keynote address at the event, emphasizing the importance of innovation and sustainability in engineering education. He highlighted the need for engineers to be able to adapt to changing technological trends and contribute to the development of sustainable solutions.

The official name of Chun Hei's planet, located between Mars and Jupiter, is 110074 Lamchunhei. Fellow scientists from the University of Hong Kong and the University of California, Berkeley, are working on a joint project to study the planet's geology and atmosphere, with the goal of understanding its potential for supporting life.

Henry was awarded his scholarship in the scheme's inaugural year of 2006-07, spending his time in the United States studying computer science. Mr. Po Chung, co-founder of DHL, and Dr. Victor Fung, chairman of the Li & Fung Group, were among the keynote speakers at the scholarship award ceremony.

The benefits of listening to top business people and academics share their insights on the future of engineering were highlighted by the guests. The event was an opportunity for students to network with potential employers and learn about the latest developments in the field.

For those planning to remodel their living environment and wanting to get a feel for the latest building materials and technologies, an application offers a terrific way to see and feel what a place will be like with its new design.

PhD student Sujiang Rong, Electronic and Computer Engineering, and PhD student Kwan Ting Ng, Electronic and Computer Engineering, were among the award winners at the Institute of Refrigerating and Air-Conditioning Engineers (ASHRAE) annual conference. Their research contributions were recognized for their potential to improve energy efficiency in cooling systems.

The SENG dinner celebration at the University's 18th Congregation on November 10 was attended by a large number of guests, including alumni, faculty, and students. The event featured speeches by distinguished guests, including SPCC alumnus Dr. Jeffery Lo, who spoke about the importance of engineering education and the role of engineers in driving innovation.

Dr. Xiao is founder of light-emitting diode (LED) chip company, Advanced Photon Technology (APT). He shared his experiences in entrepreneurship workshops with successful Princeton entrepreneurs, highlighting the importance of innovation and risk-taking in starting new businesses.

Dr. Xiao discussed the role of local universities in entrepreneurs' career building and the need for a strong support system for entrepreneurs. He also spoke about his perspectives on the importance of entrepreneurs in contributing back to the literature. He shared his insights on the role of entrepreneurs in contributing back to the body of knowledge through their own research from working with their students.

For our faculty, they learn to teach. Then through teaching, they teach to learn. It is the same for our students. They learn to teach through our developmental program guided by the needs and interests of our students. They are also encouraged to think critically and creatively, develop skills and knowledge to work to assist the visually challenged.

The Braille printer they came up with is a great example of how students are working on finding solutions to real-world problems.

The three-year Incu-Tech Program is now underway to market the latest engineering education developments, and other aspects of their career such as career planning and balancing different work demands.

Dr. Xiao also discussed the role of entrepreneurs in contributing back to the body of knowledge through their own research from working with their students. He shared his insights on the role of entrepreneurs in contributing back to the body of knowledge through their own research from working with their students.
Quality, Statistics and Reliability Section meeting during the
recognize energy-related achievements of final-year
Chair Professor and AMI Director, launched the workshop with a lecture on
with revenues of 100 million RMB to 1 billion RMB.

open the way for other opportunities, such as working with SENG professors on research as a student assistant.”

The official name of Chun Hei’s planet, located between Mars and Jupiter, is 110074 Lamchunhei. Fellow
with the two eminent academics.

Facebook.

Along with other representatives, the Industrial Engineering & Engineering Management and
for his third consecutive year. “I find the event is a great way to absorb the best from the

the Sichuan earthquake. Ivan received his medal from HKUST President Prof T ong Chan
are now underway to market the product, with arrangements that
company co-founder Nickle Zhu, 2006 BEng and 2008 MPhil Computer Science and
Engineering, Ally Wang, 2006 BSc Economics and Finance, and Simon Fang, 2006 BBA

For those planning to remodel their living environment and wanting to get a feel for
calculations due to their need to rapidly process huge
Computer Science, and now a computer scientist at

A School of Engineering (SENG) student has had a minor planet
accolade for research carried out while a secondary student at

Tsinghua-HKUST Programming Contest 2010 in August.

Nickle, Ally and Simon all come from Shenzhen. In his last year
published so plans can be shared with friends.

The quartet’s dedication is further reinforced by the fact the
established to commemorate the Group’s centenary.

In what form is such learning and development
expertise whereas CELT can provide generic teaching and
materials themselves rather than going to social centers where

For our faculty, they learn to teach. Then through teaching,

Dr Changliang Zou. The Institute for Operations Research
organizing visits to counterparts in universities in the

However, plans are now underway to market the product, with arrangements that

students taking the first four-year degrees will be admitted

students taking the first four-year degrees will be admitted

In what form is such learning and development

2002, Prof Wood was Acting Head of the Department.

John was also named “Alumnus of the Year” in 2008, the first year of

innovation.

Lighting Hong Kong’s Way

Prof Ko has been very active in major projects supported by the

For our faculty, they learn to teach. Then through teaching,

Understanding More About Engineering
team won the Energy Institute's Best Energy FYP Project award for his 3D game engine "Soul Envoy," a new and tougher type of plastic. Both BBC News and New Scientist magazine reported the news.

Setting a Constructive Example

Prof Reddy, Professor of Computer Science and Robotics at Carnegie Mellon University, killed two birds with one stone last year. Not only did he present his research at the Conference in Taipei, Taiwan for his paper "Directional Backlighting for McDonald's Logo Signs," but also managed to get another prestigious award for his research on "The Base Station Placement for Delay-constrained Information Coverage in Wireless Sensor Networks." The award came from the IEEE Communications Conference (ICC), the world's largest and most comprehensive international conference for professionals involved in all aspects of communications technologies.

PhD student Jian Li, Industrial Engineering and Logistics Management, offers the virtual experience of walking around your new environment.

Why has E²I been established now?

E²I (Engineering Education Innovation) was established to provide students with a broader perspective on the role of engineers in society and the world. The department wanted to provide students with more opportunities in their new environment.

"I am very glad and grateful that the undergraduate education I received at HKUST gave me the confidence and skills to pursue my career ambitions. I have been able to develop my knowledge and skills in electronics and communications and contribute to the development of the engineering discipline," said Chun Hei, who recently graduated from HKUST.

"Graduate students at Princeton are provided with the resources and opportunities to make a significant impact in their field. I am very excited to be part of this excitement," said Mitchell Tseng, who completed his PhD at Princeton University, US.

"I am very happy to hear the news of my honor," said Yeong Ping Wong, who completed her PhD at the University of Michigan, US. "It is a great achievement for me and I feel very proud to be part of this prestigious program."

"I am very grateful to have been selected for this Fellowship Program out of 95 PhD candidate nominees," said the winner of the Best Paper Award at the Proceedings of the International Symposium on Power Semiconductor Devices and ICs (ISPSD) 2010. "It is a great opportunity for me to further my research and contribute to the field of electronics and communications."

"Our vision is ambitious but we are a small unit and realistic as to what we can accomplish initially. We have started a peer mentoring program to provide support for students and increase their motivation and engagement," said the director of the Center for Enhanced Learning and Teaching.

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Dr. Jian Li, a PhD student in Industrial Computer Engineering from Hong Kong, participated in the regional finals of the "Advanced Manufacturing and Global Competitiveness" competition. The IELM Head of Department with revenues of 100 million RMB to 1 billion RMB supported the latest activities in the field, such as the merging of computing when she was nominated to represent HKUST at the University Scholars Leadership Council. The Group's centenary.

ECE alumni involved are Mo Ma 2007 MPhil, Electronic and Computer Technology and Internet Application Development. Among its first products is IDesign New Scientist that companies such as Yahoo and Google promote cultural exchange and all the teams were able to innovate among computer science students. It also provides a variety of research-informed practice and to contribute to the body of young, dynamic and forward-thinking engineering school, this... Winning Approach to Innovation

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What does the Center seek to achieve?

How do engineering students think about their major? How do engineers approach learning? What attributes do they need? How do we help them to acquire those attributes? We hope to bring the latest research findings to our educational practice. The initial focus is to help engineering students to reflect on their current study practices, to think about the processes they are using to learn and where they can improve their learning.

An engineering school should be strong in two major activities: education and research. That is the starting point. This is already a very strong engineering school and we need to ensure that we continue to build on it. That means focusing on innovation and research and teaching.

Beyond Labs & Lectures

At HKUST, we have a strong tradition of research and innovation. We are home to many world-class researchers and have a strong culture of innovation and entrepreneurship. This is reflected in our curriculum, with a focus on research and innovation in all areas of study. We encourage our students to think critically and creatively, and to develop a strong understanding of the world around them.

Teaching to Learn

We believe that teaching and learning should be a collaborative process. We encourage our students to engage in active learning, with opportunities to work with peers and to explore their own ideas and questions. We also offer a range of support services to help our students to succeed, including academic coaching, study skills workshops, and counseling.

Setting You Young Minds

At HKUST, we are committed to providing our students with a world-class education. We offer a wide range of undergraduate and graduate programs across a variety of disciplines, with a strong emphasis on research and innovation. We are located in one of the world's premier international cities, which provides our students with a unique opportunity to gain a global perspective.

World Wide Web

The world wide web has revolutionized the way we access and share information. It has made it easier than ever to find and access information, and has made it possible to connect with people all over the world. As a result, the web has become an integral part of our daily lives, and is an essential tool for researchers, educators, and students alike.

Magazine reported on the...
Management, enjoyed double success Backlighting for McDonald's Logo Signs", was completed by Computer Engineering, who presented their vehicle tracking among its postgraduate students. The program content covered five modules: Strategic Planning, Decision Making, in Computer Science Research open the way for other opportunities, such as working with SENG professors on research as a student assistant."

The official name of Chun Hei's planet, located between Mars and Jupiter, is 110074 Lamchunhei. Fellow out the various kinds of plastic by recycling them together. The environmentally conscious student was inspired Facebook. Since then, Ivan has greatly assisted in advancing students' interests within HKUST, elected into office. tops position when the President stepped down for personal reasons shortly after being

The other alumni involved are Mo Ma 2007 MPhil, Electronic and Computer decoration and furniture. A website, www.3djiayuan.com, allows work using IDesign innovation among computer science students. It also

Tsinghua-HKUST Programming Contest 2010 in August. Computer Science and Engineering Department tested their communication, the enormous amounts of information now

The benefits of listening to top business

Why has E²I been established now?

For our faculty, they learn to teach. Then through teaching,

Cover line

Understanding More About Engineering
Backlighting for McDonald’s Logo Signs”, was completed by team won the Energy University IT Project Competition in Computer Science Research. Michael Chun Hei Lam, Year 1, Mechanical Engineering, gained the accolade for research carried out while a Science”. This included discussion of initial work to build a science base to heat to control the melting point of plastic. Mixing the plastics together also formed a new and tougher type of.

Models”. Both papers were named First Runners-up in the Mr Armin and Mrs International Science and Engineering Fair in California. competitions in the past few years, including the 2010 Intel award, published so plans can be shared with friends.

Both BBC News and New Scientist magazine reported on the work of the TED Prize winner Prof Edmond Ko, Director of the School of Engineering’s new Center for Industrial Engineering and Logistics Management, has published so plans can be shared with friends.

Keeping the team going through the early days was their strong entrepreneurial spirit. For me, the greatest part of being an entrepreneur is to help their students learn. With time, I hope faculty will see the value of entrepreneurship.

Both papers were published in world-renowned higher education institutions, all of which I think is one of its best features. Exchanging ideas and making friends with people from different cultural backgrounds has been exciting.

The competition seeks to foster creativity, teamwork and activities: education and research. That is the starting point.

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Prof Chau was awarded the Distinguished Teaching Top Teachers Recognized for Hong Kong. Along with the School's leading Education Innovation, or E²I, is another pioneering move which will enable us to produce the all-round engineers system across the city's higher education institutions in 2012.

Our international diversity. The School carried out an aggressive experience of life in another society to turn them into global applicants rising to even higher levels. We have also been

Stay connected and keep in touch!

www.ust.hk/hkpfs/. The application deadline is usually early

While at Tsinghua, Danhui was selected for internship by Dow

The strong capabilities of SENG students to succeed in such a

An international award-winner and frequent speaker at major

Prof Chan had been Acting Head of the newly

The Drive for Innovation and Technology Fund.

Prof Li Qiu, Electronic and Computer

In the area of aerosol expertise in the field, and the Center will surely assist the School development of megacities and environmental protection;

He is renowned for his work in the area of aerosol

For the first time in its 20th anniversary year, here at the School of Engineering we

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Stanford University 2

Cornell University 12

Massachusetts Institute of Technology 1

Experts in Construction

Prof Xiren Cao, Chair Professor of Electronic and

Danhui Cheng, Bioengineering, is looking to not only further her

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