

## Another student of the Dual Degree Program **WINS Lucent Global Science Scholars Award** in consecutive year

Jovian Ling, Year 1 student in Dual Degree Program in Technology and Management won the Lucent Global Science Scholars Award, after student Chan Wing Shan of the same program who also won the same award in 2004.

This is the second time in consecutive year another high-flying dual-degree program student who has been selected for the Lucent Global Science Scholars Award.

Lucent Technologies received applications from students in 16 participating countries and regions and 44 U.S. States. The judging criteria were based on their potential for future contribution to the fields of information and telecommunications technology, interest in developing a global perspective, community leadership and overall academic achievement.

Jovian was the only one chosen out of many applicants from other institutions in Hong Kong who also applied for the scholarship. "I was very fortunate to have been given the opportunity. It was a tremendous experience meeting with prominent researchers and scientists of Lucent Technologies and the Nobel Prize winner in Physics, Professor Horst Stormer." said Jovian.

The well-designed program of Global Science Scholars Summit, included a chance to meet with Bell Labs researchers and scientists, toured laboratories and worked with other multinational scholars on a research project. "In my team I worked with scholars from China, Mexico, Germany and USA. We

had 4 days to work on the topic of "Network Optimization" and presented it to the ten Lucent Labs scientists. I learned a lot from the project and the experience working with my teammates of different background was just immense," Jovian recalled with excitement.

"We hope this program encourages these very bright students to become the next generation of inventors, researchers, scientists and may be even Nobel Prize winners. It is an exciting and rewarding program, and we have extremely high hopes for this year's scholars," said Chris Park, President of Lucent Foundation, a source quoted from the Lucent Technologies press release dated July 07, 2005.

For the next internship, Jovian said he would like to spend it at Lucent Technologies in China. He said he had visited the company in the States and he is very interested to know the China's operations.



## Calendar of Events

- October 15, 2005** **Class of 1995 Homecoming Dinner**  
Venue: China Garden, HKUST  
[http://www.ust.hk/alumni/events/homecoming\\_95/](http://www.ust.hk/alumni/events/homecoming_95/)
- November 2-3, 2005** **China: From Manufacturing Excellence to Innovation Powerhouse**  
<http://chinaonmove.ust.hk>
- November 5, 2005** **Computing the 21st Century**  
Speakers: Prof. Paul Chu, Prof. Ray Reddy, Prof. P. Divest, and 2 Vice Presidents from MSRA
- November 14-16, 2005** **The 17th IEEE International Conference on Tools with Artificial Intelligence**  
<http://ictai05.ust.hk>
- December 7-10, 2005** **The 9th International Computer-Aided-Design and Computer Graphics Conference (CAD/Graphics 2005)**  
<http://conference.ieem.ust.hk/~cadcg05>

The above events are subject to change without prior notice

## Don't be the Missing Link ...

Alumni relationships are invaluable assets to the School and alumni. To foster the growth of our alumni network, please keep us informed of your recent news and send us your updated contact information via email to [seng@ust.hk](mailto:seng@ust.hk).

### Stay connected and keep in touch!

**In Focus** is published biannually by the HKUST School of Engineering. Its purpose is to communicate the School's developments and activities of interest to members, alumni and friends of the School. Comments, suggestions and contributions are welcomed.

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# IN FOCUS



HKUST ENGINEERING

Newsletter No. 9 Fall 2005



## SENG Drive to Build School's Brand

The "Swirling wind" icon symbolizes the **unrelenting energy & leading innovation**



As part of exciting plans for future development, the School of Engineering (SENG) has started a campaign to increase SENG's profile and build further awareness of its role as a leading force for innovation and change.

The drive got underway in May with the unveiling of the first SENG logo. This has been specifically designed to convey the innovative, front-running nature of the School and illustrates SENG's role as a leading player in many of the engineering developments within and outside Hong Kong.

The "swirling wind" design symbolizes the energy that drives academic excellence to new heights while blue and gold were chosen in line with HKUST's institutional colors, representing strength of commitment and a flourishing future.

Dean of Engineering Prof Philip Chan said the School's goal was for the SENG logo to become a recognizable icon among engineering students as well as secondary school students aspiring to enter an engineering discipline, and the public.



He said the School's many achievements are fully supported by the international accolades continually collected by faculty members and SENG's recent ranking at number 20 in *The Times Higher Education Supplement's* World Top 100 Universities in Engineering & IT. The Hong Kong University of Science and Technology was the only Hong Kong institution to achieve a top 50 ranking.



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As you will notice, this issue of *In Focus* looks strikingly different. Its colorful and well-illustrated design is part of

the School of Engineering's new campaign to draw more public attention to the School and its many accomplishments. In line with this, SENG has also introduced its new School logo, as featured in our Cover Story. Such changes mark the start of a higher profile era for the School and its role as a leader for innovation, teaching and research in Hong Kong and the region.

Indeed, the SENG logo seems to be a lucky icon. The School was ranked Number 20 by the *Times Higher Education Supplement's* World's Top 100 Universities in Engineering & IT in December 2004. Our faculty members and students have also gained many other international and local accolades.

Through the collective efforts of faculty, staff and students, the Geotechnical Group in the Department of Civil Engineering has achieved top ranking for the number of research articles published in four leading journals, according to statistics recently released by the Web of Science. In the 'Academic Excellence' section, you can read more about this success story, along with news of other outstanding achievements by our faculty and students.

Successful teachers help to produce successful students and our students have certainly been showing their competitive edge. As highlighted in 'Students' Achievements', two student teams took home four of the six prizes, including the top award, at the Robocon 2005 Hong Kong Contest in June and the Second Runner-up prize at the Asia-Pacific Robot Contest 2005 in Beijing in August. Meanwhile, in this year's HSBC IT Entrepreneur Awards, one of our final-year Computer Engineering students struck gold twice, winning both local and "Best of the Best" regional top awards.

The University has released its *Strategic Plan 2005-2020, Building on Excellence*, also known as the Vision 2020 Plan. It sets out the University's vision for development into a world academic leader over the next 15 years. It is a challenging plan but I am confident that with the collective efforts of the university's faculty, staff and students, it can be realized. The School of Engineering is ready to play its role in the Vision 2020 Plan.

**Prof Philip Chan**  
Dean of Engineering

### New Faculty Members

- **Prof Lei Chen**  
*Assistant Professor, Computer Science*  
*PhD - University of Waterloo*
- **Prof Zonghua Gu**  
*Assistant Professor, Computer Science*  
*PhD - University of Michigan*
- **Prof Qian Zhang**  
*Associate Professor, Computer Science*  
*PhD - Wuhan University*

### New Visiting Faculty Members

- **Mr Wei-chung Hu**  
*Assistant Lecturer, Civil Engineering*  
*MS - UC Santa Barbara*
- **Prof An-Chow Lai**  
*Assistant Professor, Computer Science*  
*PhD - Purdue University*
- **Prof Xin Li, Cindy**  
*Assistant Professor, Computer Science*  
*PhD - Computer Science, HKUST*
- **Prof Vincent Poon**  
*Assistant Professor, Electrical and Electronic Engineering*  
*PhD - CUHK*
- **Prof Kam Tim Woo**  
*Assistant Professor, Electrical and Electronic Engineering*  
*PhD - Electrical and Electronic Engineering, HKUST*
- **Prof Xiao-lan Xie**  
*Visiting Scholar,*  
*Industrial Engineering and Logistics Management*  
*PhD - University of NANCY*
- **Prof Fan Zhang**  
*Assistant Professor, Computer Science*  
*PhD - Computer Science, HKUST*
- **Dr Sheng-hao Zhang**  
*Visiting Scholar,*  
*Industrial Engineering and Logistics Management*  
*PhD - Operation Management, HKUST*

### New Adjunct Faculty Appointed

- **Prof Zheng Zhang**  
*Adjunct Associate Professor, Computer Science*  
*PhD - University of Illinois, Urbana-Champaign*



## International Honors & Awards



American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) bestowed the Ralph G. Nevins Physiology and Human Environment Award on Prof Christopher Chao for his voluntary services towards R&D accomplishment.



Prof Moe Cheung, Head of Civil Engineering, has been elected a Fellow of the Canadian Academy of Engineering (CAE) in recognition of his pioneering research work on the development of the finite strip method and his contributions to bridge engineering.

Prof Furong Gao of Chemical Engineering, co-authored with two of his students, Fung Ka Tsai and Chen Xi, won the "Best Paper Award" on "Weight Prediction Using Captive Transducer in Injection Molding" from the Society of Plastics Engineers Annual Technical Conference in Boston in May, 2005.

Prof Chung-yee Lee, Head of Industrial Engineering and Logistics Management, has been awarded the Fellowship of the Institute of Industrial Engineers (IIE) for his outstanding contributions and leadership in the field.

Shoushun Chen, a PhD student of Electrical and Electronic Engineering, won the Best Paper Award at the 2005 International Workshop on "System-On-Chip".

Kar-yu Mak, final year student of Computer Engineering and Chun-wang Cheung, student of Information System Management were the 1st runners-up for the Student Stream competing in the Microsoft Server Championships 2005.

Dr Haiqing Song, a graduate in IEEM, has been named Winner of the 2005 Doctoral Dissertation Award sponsored by the Council of Supply Chain Management Professionals (CSCMP). Dr Song is the first winner from an Asian university. The Council is considered the world's most influential association related in the business logistics and supply chain management industry.



Prof Lionel Ni and Prof Yunhao Liu of Computer Science have published the paper "LANDMARC: Indoor Location Sensing Using Active RFID". This is the first paper addressing the localization problem using active RFID.

Prof Irene Lo of Civil Engineering, won the 2005 Hsai-Yang Research Award of the International Society of Environmental Geotechnolgy (ISEG). The Award is presented to the winner in recognizing the significance of the paper with respect to original contributions to research advances or professional practice in environmental geotechnolgy.



Prof Yu-hsing Wang won the Hogentogler Award for a co-authored research paper on geotechnical testing technology.

Prof Dekai Wu of Computer Science has published "Word Sense Disambiguation vs. Statistical Machine Translation". The paper drew much attention at the Association for Computational Linguistics.

Prof Tongxi Yu, Head of Mechanical Engineering, has been appointed by the Chinese Society of Theoretical and Applied Mechanics (CSTAM) as an Associate Editor of *Acta Mechanica Sinica*, a very prestigious and influential journal published in China.

## Students' Achievements

Xusheng Wu, a PhD student of Electrical and Electronic Engineering won the "Best Student Paper Award" on "A Physical Short-Channel Threshold Voltage Model for FinFET with Non-Rectangular Cross-Section" at the 2005 IEEE International Meeting for Future of Electron Devices" held in Kansai, Japan in April, 2005.

Kai Zhang, a PhD student of Mechanical Engineering has been awarded the Motorola-IEEE/CPMT Society Graduate Student Fellowship for Research in Electronic Packaging 2005.

## Top Ranking for Geotechnical Group Publications

Geotechnical Group members in the Department of Civil Engineering have had their ground-breaking research further recognized with a number one worldwide ranking for the number of publications over the past five years, ahead of other leading universities.

According to statistics recently released by the Web of Science®, HKUST's Geotechnical Group led the global field in terms of total papers published in four leading international geotechnical engineering journals from January 2001 to April 2005. The publications were the *Journal of Geotechnical and Geoenvironmental Engineering*, *ASCE*; *Geotechnique*; *Canadian Geotechnical Journal*; and *Soil and Foundations*.

One member of the group also had the highest number of papers published in the same four journals over the same period. Papers from the group are regularly cited by other researchers. Another member enjoys the highest total number of citations among all papers published in these journals since 1997. Indeed, one of his papers has been listed by Thomson ISI as a Highly Cited Paper, with a citation rate in the top 1% within the engineering field as a whole.

Other institutions listed by the Web of Science® included the University of London Imperial College Science, Technology & Medical (number five); the University of Cambridge (number seven); and the University of Hong Kong (number eight).

Web of Science® provides access to more than 8,700 of the world's most prestigious scholarly journals and offers a unique cited reference search facility to assist researchers and accelerate new breakthroughs. Over 2,500 organizations in more than 80 countries subscribe to the service.

The Geotechnical Group's key contributors to the publications include Professors Wilson Tang, Charles Ng, X S Li, L M Zhang and Y H Wang. Dean of the School of Engineering Prof Philip Chan congratulated Group members on their achievement and praised their hard work: "I am very proud of my colleagues whose relentless efforts have resulted in such worldwide recognition. The results are another testament to the School's academic excellence."



Individual members of the group have already been awarded many international accolades. These include the Mao Yisheng Youth Award from the Chinese Institute of Soil Mechanics and Geotechnical Engineering; honorary membership of the American Society of Civil Engineers; the Hogentogler Award; and Technology Pioneer in the US Offshore Energy Center' Hall of Fame.

Master degree students from the Geotechnical Group have moved on to Cambridge, Princeton and Cornell, among other top universities for doctoral studies. Some have since returned to Hong Kong where they have been contributing their knowledge and helping to further the community's development.

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## Engineering Summer Camp Proves a Hot Ticket

HKUST's Engineering Summer Camp for Honors Students 2005 gave 120 top secondary students three eventful days to remember in July as they explored the challenges and adventures of the world of engineering, gained a taste of university life, and competed for a chance to travel to Tokyo, courtesy of camp sponsor Dragonair.

The annual Summer Camp, organized by the School of Engineering and held on the HKUST campus, enables high-flying Form Five and Form Six students to gain greater understanding of different engineering disciplines, the innovative areas they focus on, and their importance to today's world, while also spending two nights on campus to learn about university student life.

During the Summer Camp, participants have the chance to meet and talk with professors, engineering graduates and current students, tour the campus and its state-of-the-art facilities, and learn about the exciting career opportunities that different branches of engineering can provide.

In addition, students are assigned to one of the six HKUST engineering departments of their choice in order to learn more about that specific engineering discipline through different departmental activities.

As in previous years, one of the highlights of the Summer Camp 2005, held from July 22-24, was the design competition where students compete in teams within their departments to solve a design problem.

This year's teams had to design an electrochemical cell to drive a model car, create a model bridge, bring 2D images to life, create electronic games on circuit boards, tackle a logistics problem simulation, and produce an airship in their respective departmental heats.

After an exciting final on July 24, the overall championship and air tickets to Tokyo were awarded to four students assigned to the Civil Engineering department for their innovative model bridge.

Guest of Honor Mr. Ronnie Chan, Chairman of Hang Lung Group Ltd, Dean of Engineering Prof Philip Chan and Associate Dean of Engineering Prof Helen Shen officiated at the Summer Camp's closing ceremony.





## Hang Seng Design Competition Showcases Creativity

Novel designs, with practical applications, and the ability to present ideas effectively proved the keys to success for the three winning teams in the 2nd Hang Seng Innovative Design Competition.

The contest, organized under the sole sponsorship of Hang Seng Bank, motivates School of Engineering students to put their knowledge and skills to work to create useful engineering applications and products that can enhance the quality of life, while also giving them the opportunity to demonstrate their creativity and practise their presentation skills in front of senior figures in the business world.

Third-year students from the School's different departments compete against each other to demonstrate the relevance and innovative nature of their final-year projects before a panel of judges comprising representatives from leading companies.

This year's winners were four students from the Department of Chemical Engineering who took the main award for designing an air pollution monitoring station for secondary schools in Hong Kong. The equipment gives schools a cost-effective way of providing school students with hands-on experience of monitoring environmental conditions in liberal studies lessons (see Pg 8).

The first runner-up award went to a team from the Department of Civil Engineering for its cement-based piezoelectric material, with the second runner-up title won by students in the Department of Industrial Engineering and Logistics Management for their automatic material handling system.

The Hang Seng Innovative Design Competition made its highly successful debut last year attracting a great response from academics, engineering students and industry. It sets out to showcase School of Engineering students' intellectual excellence to both local and overseas industries and to foster interaction and collaboration between the University and the business sector. Judges at this year's contest included representatives from Hang Seng Bank Ltd, China Light and Power Ltd, Hutchison Global Communications Ltd and Morgan Stanley Asia Ltd.

Dean of Engineering Prof Philip Chan said that the mix of companies represented on the judging panel indicated that along with engineering and IT career opportunities, engineering students were also sought by companies in other fields, including finance.



## TV Series Demonstrates SENG's Diversity

An enlightening television series, featuring the School of Engineering (SENG) and its faculty members, students and alumni, was broadcast on ATV Home in July and August, highlighting the great diversity and social value of the School's research work and degree programs.

*Engineering Your Future*, jointly produced by RTHK and SENG and aimed at secondary school students and parents, set out to raise awareness of the extensive range of exciting areas that fall within the parameters of a pioneering, internationally recognized engineering school such as SENG. These areas include information technology, environmental engineering, logistics management, electronics, and chemical engineering, among many others.

According to a recent SENG survey, many school students remain unaware of the dynamic nature of engineering today. To help put them in the picture, all six of the School's departments - Chemical Engineering, Civil Engineering, Mechanical Engineering, Electrical and Electronic Engineering, Industrial Engineering and Logistics Management, and Computer Science-plus the Computer Engineering Program were included in the four, 30-minute programs. Episodes were broadcast weekly in an early evening time-slot.

The series showed the range of areas being covered by research carried out by SENG faculty members and students and brought home the social benefits and added value they bring to the Hong Kong community and beyond. Alumni were also featured, illustrating the interesting range of prospective job opportunities that await SENG graduates and demonstrating the relevance and effectiveness of the knowledge acquired from studying at the School in relation to the world of work.

Learning about the state-of-the-art facilities available at HKUST was another highlight, illustrating the great opportunities for research and up-to-the-minute teaching and learning at the University.

Prior to the series launch, a press conference was held at RTHK, with HKUST President Professor Paul Chu, Dean of Engineering Professor Philip Chan, and SENG professors from the various departments in attendance.



## Fresh approach to air pollution monitoring

Four, third-year students in the Department of Chemical Engineering have found an innovative way to increase knowledge about air pollution among young people by designing a cost-effective air monitoring platform suitable for secondary schools.

Novem Yuen, Victor Chung, Winnie Law and Craig Chan developed the equipment and designed experiments to measure different air pollutants - ozone, particulates and nitrogen dioxide - for their final-year project. A commercial air pollution monitoring station with similar features to the School of Engineering (SENG) students' platform would require an outlay of around HK\$600,000, putting it out of reach for most school budgets. The students' system costs around HK\$30,000.

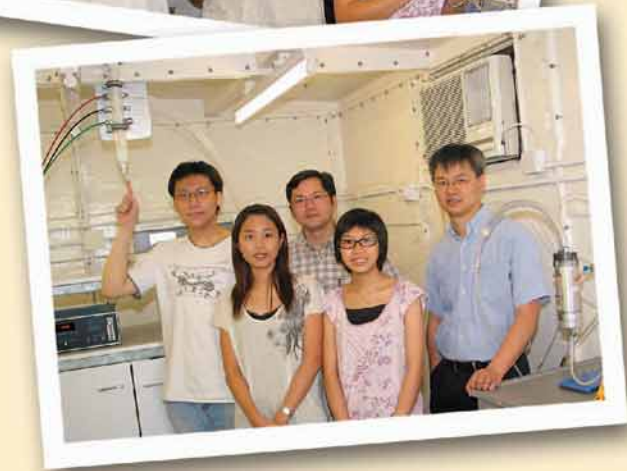
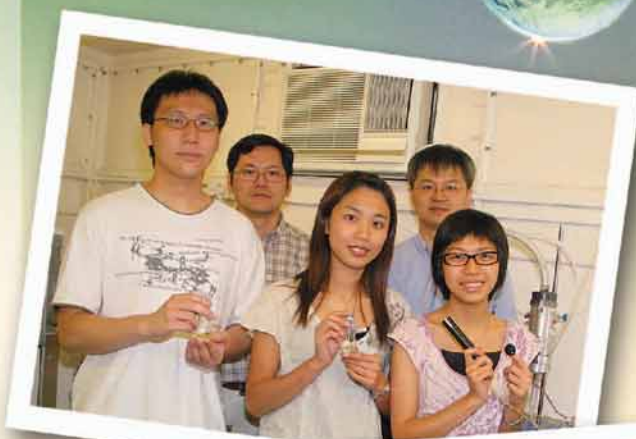
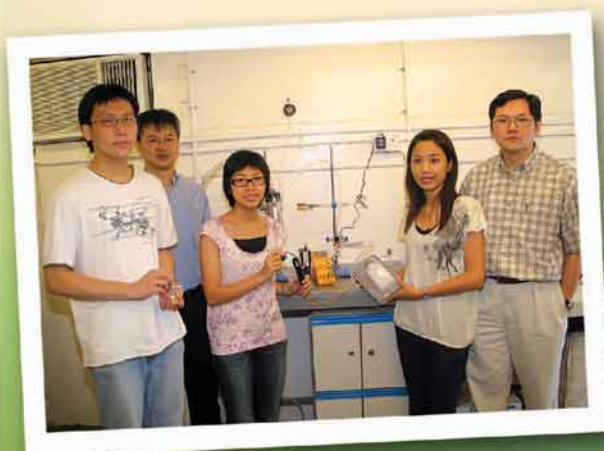
"I felt this was a very meaningful project to undertake," Novem Yuen said. "With air pollution now a major global problem, school students need to understand more about it. Yet schools can't afford to buy existing air pollution monitoring stations. This means school students can't do experiments or acquire knowledge about air pollution through hands-on experience. If they could, maybe they would become more interested in the issue and want to learn more about it."

Creative thinking helped the SENG students keep equipment costs down. One example was a novel but effective vacuum pump, fashioned from an ordinary aquarium pump, tubing and an air-tight plastic box. Total cost? HK\$200 instead of HK\$20,000 for a professional pump.

After developing their monitoring station, the SENG students demonstrated it at a Fanling secondary school, receiving an enthusiastic response. "The school students really did become interested in the subject and kept asking questions to find out more. The teachers appreciated it too," said Novem, who is optimistic the platform would prove a useful addition for many schools.

The SENG team enjoyed further success when they gained the top award at this year's Hang Seng Innovative Design Competition. In the contest, students from different SENG departments compete to demonstrate the novel yet practical and life-enhancing nature of their final-year projects to a judging panel made up of senior business community members (see Pg 6)

"I would like to take this opportunity to thank our mentors, Professor Chak Keung Chan and Dr. Arthur Lau. It would not have happened without their guidance," Novem said.



## Getting the message with gmail-lite

Last year's launch of Gmail, with its search capacity and gigabyte storage, was greeted with delight by many, including Gan Ying-hung, a PhD student in the Department of Electrical and Electronic Engineering. However, he soon discovered one frustrating problem with the service: no access to his account by mobile phone or PDA. Last summer, Ying-hung, a Computer Engineering graduate, decided to change this. After two weeks' development and evaluation, he had found the answer: an HTML-only interface which he called gmail-lite.

"Initially, I developed this program for my own use because I wished to check my e-mail over my mobile phone," Ying-hung said. "I then followed a tradition to put my source code on the internet so other people could download and use it. As it turned out, many people had the same need so the program has become quite popular."

Indeed, the 25-year-old has found people from around the world have been interested in gmail-lite since he first shared it with the internet community in August 2004. About 10,000 have downloaded his program so far. With e-mails coming in from the US, Europe, India and many other countries to say thanks, pose questions on its use, and give suggestions for new features and enhancements.

One of the keys to Ying-hung's program is that it acts as a filter to remove complicated features, such as graphics, leaving only the text and enabling all types of browsers to use gmail. This has had one unexpected but highly rewarding result. A visually impaired person living in Europe e-mailed Ying-hung to tell him how, originally, he had been unable to use gmail as the complex design was too difficult for the simple browser used to turn text into sound. Ying-hung's program proved the solution.

Since then, Ying-hung has been to the Ebenezer School for the Visually Impaired in Pokfulam to discuss his program and further improvements that can be made. It also brought home to him the need for technology to take many different types of users into account. "For example, if a web site has many advanced features, then it becomes difficult for the visually impaired to visit. I design web sites myself sometimes so it was good to realize this."

Although gmail-lite lies down a different path to Ying-hung's PhD research, which is actually focused on antennae and wireless communication, the success of the program means he will keep on upgrading it. "It has been a fascinating experience," Ying-hung said. "Receiving e-mails from different countries about the usefulness of my program has been very satisfying and inspired me to continue to refine it. The interactive nature of the internet is really amazing."



## SENG Student Wins Business Plan Regional Contest

Michael Wong, who has just finished his third-year studies in Computer Engineering, struck gold for the second time this year in the HSBC Young IT Entrepreneur Awards when he and his two teammates collected the 'Best of the Best' regional award in June, beating teams from Malaysia, Thailand and the Philippines.

The business plan writing contest, first held in 2000, sets out to help post-secondary students acquire practical business knowledge through developing an enterprising business plan involving IT. More than 1,700 students in over 660 teams participated in the 2004-2005 contest in the four locations. Michael's regional award followed on from his team's victory in the Hong Kong competition in March.

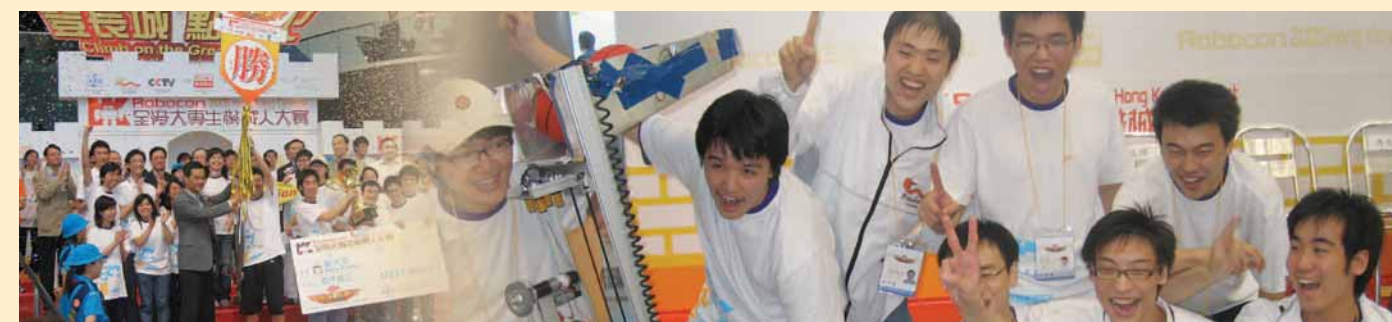
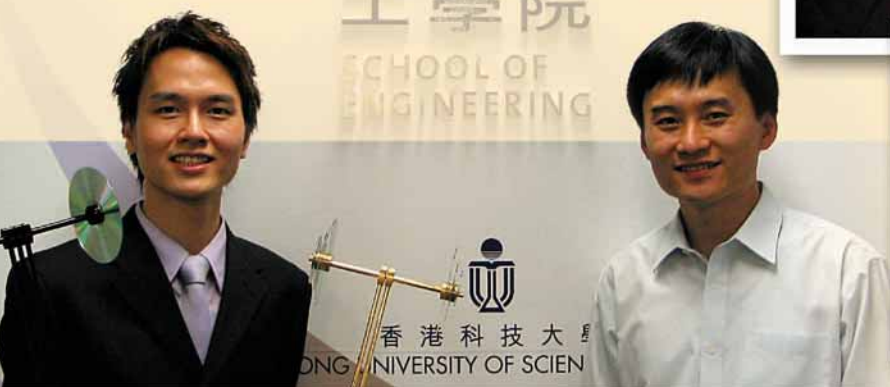
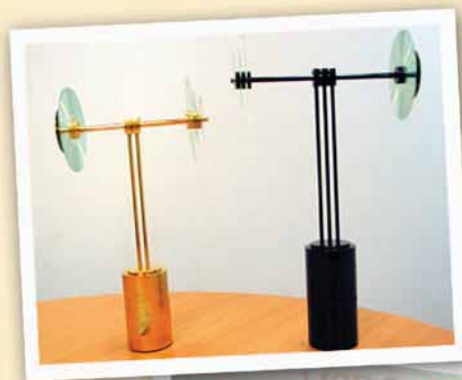
"I was very happy and proud that my team was able to represent Hong Kong and win the competition," Michael said. "The other three teams were very competitive so we could not expect success. But we prepared well, gave our best and always hoped we would win."

Michael and his fellow planners from Hong Kong Polytechnic University, devised their winning "Mobile Identity" (M.I.D) plan after realizing the need to cut down on the number of loyalty cards people carry in their wallets these days. Under M.I.D, companies would be provided with software to replace membership or discount cards and help them provide a more efficient customer loyalty program. Retail customers could then use their mobile phone numbers as identification for obtaining shopping and dining discounts.

Contest finalists had to present a full business plan for their innovative idea, covering financial planning, technological

architecture and marketing. "I found the hardest part was to devise technology that was low-cost but workable," Michael said. But his month-long effort proved successful. In the contest, M.I.D was commended for technical feasibility as well as commercial viability.

As part of the prize for winning the Hong Kong contest, Michael and his team members were awarded HK\$30,000 for self-development and joined the other Asia team winners on a week-long US study tour in June. During the US visit, they visited top companies such as Microsoft and Boeing.



## HKUST Races to the Top in Robocon 2005

School of Engineering students proved a runaway success at ABU Robocon 2005, scooping four of the six prizes, including the competition's top prize, at the Robocon Hong Kong contest and gaining a further award at the grand final in Beijing.

Two HKUST teams, 'Holy-Flame' and 'Sino-Tractor', participated in the local competition in June, with a total of 25 students from the Departments of Computer Science, Electrical and Electronic Engineering and Mechanical Engineering taking part. 'Holy-Flame' gained both the Champion Award and the Best Engineering Award, while 'Sino-Tractor' took home Second Runner-Up and Best Artistic Design Award.

The local competition was organized by RTHK and co-organized by the Hong Kong Computer Society and the Hong Kong Institution of Engineers. Other teams competing alongside those from HKUST came from The University of Hong Kong, The Chinese University of Hong Kong, City University of Hong Kong and The Hong Kong Polytechnic University.

This year's competition was based on a 'Great Wall of China' theme. Teams had to design and construct manual and automatic machines that could collaborate in a three-minute contest to climb up the 'Great Wall beacon tower' within a set game field and feed fuel balls into five torches and four bonfires.

As the Hong Kong competition winner, 'Holy-Flame' was awarded US\$1,000 and earned the opportunity to compete in the grand final of ABU Robocon 2005 in Beijing. Praising the team's win, Prof Li Zexiang, Electrical and Electronic Engineering Department, said: "'Holy-Flame' demonstrated both creativity and technical achievement in controlling the movements of the robots."

At the grand final, held in August, 'Holy-Flame' scored another triumph by winning the Second Runner-Up Award. In Beijing, 20 teams from 19 different countries and regions took part in the contest, including the HKUST team.

ABU Robocon was launched in 2002 by the Asia-Pacific Broadcasting Union to create a way to bring together young people from different countries and regions, and to share experience and generate interest in information technology and engineering. The first Robocon Hong Kong Contest took place last year.

