

News

Upcoming Events

Jan 21-23 2008
HKUST Nanotechnology Workshop on 21-23
January 2008; Contact Person: Prof Yi-Kuen Lee
(ME/HKUST)

Jan 3-7, 2008
Eighth International Conference on
Fundamentals of Fracture (ICFF VIII) 3-7
January 2008, Chairman: Prof Tongyi Zhang
(ME/HKUST)

News Archive

- > [2007](#)
- > [2006](#)
- > [2005](#)
- > [2004](#)
- > [2003](#)
- > [2002](#)

10 Dec 2007

Hong Kong Students Demonstrate Technology Design Talent at HKUST's First Intra-School Electronics Gadgets Design Competition

Samsung全力支持香港科技大學 首屆校內『青年創意科技設計大賽』

Samsung and HKUST unleash potential of young innovators for creating a better digital lifestyle

Hong Kong, December 10, 2007 – More than 50 undergraduates from the Hong Kong University of Science and Technology (HKUST) showed off their prowess for technology innovation and creativity with gadgets they designed to enter the “Pioneering a New Digital Lifestyle with Samsung – Smart Gadgets Competition 2007”.

The students from the School of Engineering (SENG) comprised 19 teams and had participated in the “Pioneering a New Digital Lifestyle with Samsung – Smart Gadgets Competition 2007”, the university's first electronic design competition for students sponsored by Samsung that challenges students' creativity of inventing their digital lifestyle. The competition started on 18 October 2007, and the participating teams shared with a panel of judges the innovative designs they worked on and benefits they bring to users. Four finalist teams were then shortlisted and demonstrated the product prototypes and their functions in today's final presentation and answered questions from the judging panel.

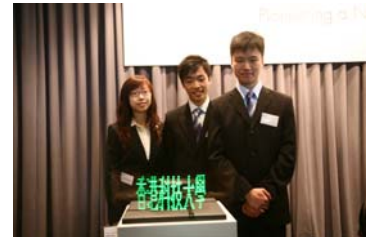
The Display Box 360 (DBOX360) team – Chan Tsz Sau, Lo Fu Kin and Chan Wing Yee from year three of SENG emerged as the champion team in the competition. The winning team intended to produce a 360-degree wide projection of text and graphics by spinning a set of configured LEDs at high speed. The resulting projection acts as a text floating in the air. The prototype also supports text sliding and blinking.

“Samsung and the School of Engineering (at HKUST) share the same vision for creating a better global society through technological innovation,” says BW Kim, managing director, Samsung Electronics Hong Kong.

“That vision will be pursued by our younger generation and Samsung is committed to working with educators like HKUST in the long run to help foster the creativity and skills of our future digital-lifestyle pioneers.”

“The School of Engineering strives to provide a nurturing environment for young engineering students to develop their skills and grow,” says Professor Paul Ching-Wu Chu, president of HKUST. “As part of that effort, we are keen to work with the private sector to give our students hands-on experience that will benefit their education and future career prospects. Today's competition is a shining example of the success of this approach.”

“This competition has been a great learning experience for all of us,” says Chan Tsz Sau of Display Box 360 (DBOX360) team. “As engineering students it is vital that we realize our dreams by putting what we learn into practice and get real product design experience. And, to have our project recognized by a



Champion DBOX360



1st runner Electronic Monopoly



2nd runner Mastermind



3rd runner Intelligent Digital Lock

worldwide electronics giant like Samsung is extremely encouraging."

The judges of today's competition consisted of representatives from Samsung, HKUST and other technology leaders, including

- Mr. B.W. Kim, Managing Director of Samsung Electronics Hong Kong,
- Prof. Jang Kyo Kim, Associate Dean of Engineering and Professor of Mechanical Engineering at HKUST,
- Prof. Alex Leung, Assistant Professor of Electronic Engineering at the Chinese University of Hong Kong, who is also the winner of the Young Scientist Award 2003, and
- Prof. Oscar Au, Associate Professor of Electronic and Computer Engineering at HKUST

The judges' selected one winning team and three runners up based on the following criteria:

1. Creativity and innovation
2. Impact on enhancing quality of life
3. Technical competence
4. Practicality for implementation
5. Presentation skills

The winning team won a three-day trip to Seoul in Korea including a visit to the Samsung Seoul headquarter and the world-famous Samsung Museum of Art Leeum. The first, second and third runners up received Samsung products and book shop coupons separately.

About HKUST SENG

Founded in 1991, The Hong Kong University of Science and Technology (HKUST) is a an internationally recognized research university with a unique blend of education and research programs in science, engineering, business, humanities and social science. The School of Engineering (SENG) is the largest among the five schools at HKUST, enrolling about in 40% of the University's undergraduate and graduate students. Committed to teaching and research at the cutting edge of engineering, SENG's pursuit of excellence has achieved global acclaim. Ranked no.23 globally in the Times Higher Education Supplement 2007 league table of the World's Top University for Technology, HKUST has consistently made top 50 since the table was introduced in 2005. For more information, visit www.seng.ust.hk.

About Samsung Electronics

Samsung Electronics Co., Ltd. Is a global leader in semiconductor, telecommunication, digital media and digital convergence technologies with 2006 parent company sales of US\$63.4 billion and net income of US\$8.5 billion. Employing approximately 138,000 people in 124 offices in 56 countries, the company consists of five main business units: Digital Media Business, LCD Business, Semiconductor Business, Telecommunication Network Business and Digital Appliance Business. Recognized as one of the fastest growing global brands, Samsung Electronics is a leading producer of digital TVs, memory chips, mobile phones and TFT-LCDs. For more information, please visit www.samsung.com/hk

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(2007年12月10日香港訊) - 由香港科技大學(科大)工學院主辦、Samsung全力贊助的「Samsung 青年創意科技設計大賽2007」於今天舉行總決賽。逾50名科大工學院的本科生參加是次比賽，以展示其原創數碼電子設計，充分表現本地學生的無窮創意和高水平的電腦科技及工程知識，革新新一代數碼生活。

該項比賽是首次為科大學生而設的校內電子概念設計大賽，旨在啓發學生想像嶄新的未來數碼生活，並由Samsung全力支持。首屆比賽在10月18日展開，共有19隊科大學生參加，參賽隊伍向評審介紹其新穎的產品設計及其為用家帶來的用處。當中4隊參賽隊伍被挑選進入總決賽，將會向評審展示其原創產品的原型及即場示範功能，並即場回答評審的提問。

冠軍隊伍為設計『全方位360顯示盒』的科大工學院三年級生，成員包括陳梓修、羅富健及陳咏儀，其得獎作品主要以LED燈高速打造360度投影，預先設定的文字及圖像將會浮游於空中，其作品更可產生文字滑行及閃動效果。

三星電子香港有限公司董事長金柄昱先生表示：「Samsung與科大工學院均矢志透過創新科技，改善我們的生活質素。我們期望新一代的科技專才能繼承這項理念，而Samsung亦會致力與本地學界通力合作，培育創意及技能兼備的新一代數碼生活開發人才。」

香港科技大學校長朱經武教授表示：「科大工學院致力為年青工程學專才建立優良的學習環境，充分發展學生個人成長及知識技能。我們經常與私人機構緊密合作，為學生提供實習經驗，令其在學習及就業上均取得優勢。是項比賽以及各項優秀參賽作品，正是工學院教學理念的優秀成果。」

出線的隊伍經過激烈的比賽後，評審分別選出冠、亞、季及殿軍。

冠軍隊伍代表陳梓修同學表示：「這次比賽令我們汲取不少產品研發的經驗。我認為這次比賽讓工程學學生有機會學以致用，並能涉獵產品設計過程，實在獲益良多。而我們的產品更能獲全球電子產品翹楚Samsung表揚，誠然令人鼓舞。」

「Samsung 青年創意科技設計大賽2007」的評審團成員均來自Samsung, 科大及其他科技業界精英，包括：

- 三星電子香港有限公司董事長金柄昱先生
- 香港科技大學工學院副院長及機械工程學系教授金章教
- 2003年香港青年科學家獎得主及香港中文大學電子工程學系助理教授梁加能及
- 香港科技大學電子及計算機工程學系副教授區子廉

評審團按下列評審標準，選出冠、亞、季及殿軍：

1. 創意及功能
2. 提高生活質素之能力
3. 技術水平
4. 實際應用能力
5. 表達技巧

勝出的冠軍隊伍贏取三天韓國首爾交流團作獎勵，並獲邀到訪三星集團總部，參觀世界知名的Leeum三星藝術博物館。亞軍、季及殿軍之設計隊伍，則分別獲得Samsung產品及書，以資獎勵。

有關科技大學工學院

香港科技大學1991年創立，是一所享譽國際的研究型大學，專注於科學、工程、商科、人文及社會科學領域的教學及研究工作，開拓新知識，教研並重。工學院是科大規模最大的學院，約佔科大本科生及研究生總數四成，並致力在工學教育及科研上追求卓越。工學院的成

就屢獲國際殊榮，在2007年，科大獲〈泰晤士報高等教育特刊〉選為全球第二十三最佳科技學府。自2005年該項排名首次發表以來，科大持續獲選為全球50大最佳科技學府。

如欲獲取更多有關科大工學院的資訊，請瀏覽以下網址
<http://www.seng.ust.hk>

有關三星電子
穩佔全球半導體、通訊產品、數碼媒體及數碼匯流科技領導地位的三星電子，於2006年分別錄得634億美元銷售數字及85億美元純利，充分顯示出公司的強勁業務表現。三星電子在全球56個國家設立了超過124個辦事處，僱員人數約有138,000名。三星電子業務涉及五大主要範疇，包括：數碼電器業務、數碼媒體業務、液晶體顯示設備業務、半導體業務，以及通訊網絡業務。三星電子被譽為全球增長最快的品牌之一，同時亦於數碼電視設備、記憶體、手提電話以及薄膜晶體管液晶體顯示屏等多項不同範疇內處於領導地位的生產商。
如欲獲取更多資訊，請瀏覽網址：
<http://www.samsung.com/hk>。

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[top](#) ↗