



## RECENT NEWS AND EVENTS

### New Initiatives

In order to enrich students' learning opportunities, our Department has this year launched three new initiatives:

#### Peer Tutor Scheme

For the 2nd or 3rd year undergraduates to work closely with the freshmen to meet their learning needs, pertaining to any specific topics or courses.

It is hoped that a "vertical" peer-support community can be gradually and seamlessly established across all the school years through this scheme in the long run.

#### Research Mentor Scheme

For the research postgraduate students to conduct research projects with foundation programme students so as to provide them with advanced training opportunities and strengthen the peer relationship within the Department.

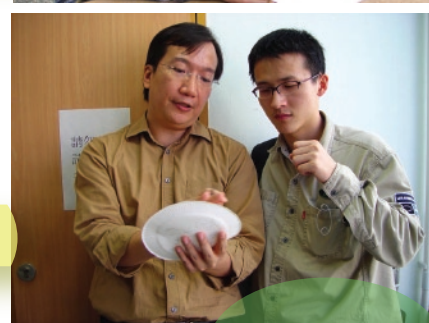
We trust this scheme will be beneficial to both research and foundation students.

#### Sponsorship Scheme for Research Postgraduate Students



The Department has set up a Sponsorship Scheme for supporting RPg students to join exchange/attachment programmes with overseas universities or labs, and to participate in high-impact research activities.

RPg students can widen their horizons and enhance their research experience through these activities.



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## A New Look of our Labs and Facilities



New look of our lab

- ◆ The departmental network has been upgraded to provide a backbone speed of 10 Gbps and an access speed of 1 Gbps to every desktop computer
- ◆ The student lab in OEW802 has been completely remodeled and equipped with Core 2 Quad PCs, 4 GB Ram and 19" monitors
- ◆ Every PC in other labs of the Department is with at least 2GB Ram
- ◆ Every student has 1 GB network drive storage
- ◆ New PCs with a Core 2 Quad and 4 GB Ram are provided to all staff and research assistants/students
- ◆ Email and file servers have been upgraded



Our network has been upgraded to support 10 Gbps

## 6th Postgraduate Research Symposium



Prof. Y.W. Leung listens to our students presentation

The 6th Postgraduate Research Symposium (PG Day) was held on 3 July 2007, with active participation by both faculty and postgraduate students. Through sharing of experience and ideas on a variety of research topics, including mobile positioning, sensor network, data mining, web intelligence, and pattern recognition, the PG Day serves to enhance the research atmosphere among postgraduate students of the Department.



Mr. Liu Chang, winner of the Best Paper Award

Miss Wu Di, winner of the Best Presentation Award

**Miss Wu Di** won the **Best Presentation Award** for her outstanding presentation while **Mr. Liu Chang** was presented the **Best Paper Award** for his paper "Object Tracking Using Information Content" at the PG Day.

## Orientation Night for Freshmen



Dr. Kelvin Wong meets with his mentees

Around 100 freshmen attended the Orientation Night on 11 September 2007. The Head of Department, Prof. Jiming Liu, and the two Programme Coordinators, Prof. Joseph Ng (for Computer Science) and Dr. William Cheung (for Computing Studies - Information Systems) expressed warm welcome and words of encouragement to them. There were also sharings by their seniors, followed by an exchange session with their mentors (professors) and peer tutors. The Computer Science Society also took the opportunity to introduce their various activities to the freshmen.



## Welcome Gathering for Foundation Programme Students

We have eight new Foundation Programme students joining the Department this year and they were welcomed at a Gathering on 12 September 2007. Prof. Jiming Liu, Head of Department, together with other academic colleagues, introduced the various programmes and facilities of the Department to these students from the Mainland. Best wishes for a fruitful stay and studies in Hong Kong Baptist University!



Warm welcome to our foundation students



## Entrance Scholarship Award Presentation Ceremony

The Entrance Scholarship Award Presentation Ceremony was held on 11 September 2007, to recognize six of the first year students who have achieved excellent performance in their HKALE, HKCEE and interview, and who have selected the Programmes of our Department in Band A. The awardees, each with a scholarship of HK\$10,000, are:

**BSc (Hons) in Computer Science Programme:**  
Au Ka Ho, Chan Wan Chi, Mak Hing Keung

**BSc (Hons) in Computing Studies (Information Systems) Programme:**  
Chan Tung Ming, Tai Siu Hang, Tsang Chiu Cheuk.

Congratulations!



## Reception for Graduates

As an amiable tradition of our Department, a Reception was organized for the fresh graduates (and their parents) of the BSc (Hons) in Computer Science, BSc (Hons) in Computing Studies (Information Systems), and the MSc in Information Technology Management programmes on their Commencement Day of 12 November 2007. The graduates cherished the opportunity to meet, chat and take photos with their professors and fellow classmates.



## Visit to Hong Kong International Airport

Thanks to IEEE (Hong Kong) Computational Intelligence Chapter's organization, 14 faculty members and students (postgraduate and foundation programme), together with 7 members from the Chapter, paid a visit to Hong Kong International Airport (HKIA) on 21 November 2007.



RFID equipment in HKIA

During the visit, the HKIA staff introduced their current RFID system used in baggage handling and guided a tour to show the on-site operation of this system. All participants benefited much from this visit, including: (1) a better understanding of the real operation of an RFID system, (2) the realization of the challenges and problems in implementation of such a system, and (3) the potential collaboration with each other.



A group photo at Hong Kong International Airport

## IT Quiz 2007

As one of the highlights of the Science Open Day on 9 July 2007, our Department organized an IT Quiz, which was well participated by 11 secondary schools. In addition to the talk by Dr. Chun-hung Li on "E-Transformation in the New Digital Era", students from both primary and secondary schools and the public had much fun at the robotics demonstration.



Dr. Fion Lee and our student helpers preparing for the Open Day



Dr. C.H. Li (right) presents awards to the winners of IT Quiz

## “Call for Alumni's Inputs on New 3-3-4 Curriculum

With the education reform in Hong Kong, the current 3-year university programme will be converted to 4 years in 2012. Our Department has been actively planning for the new 4-year curriculum: designing the new frameworks and majors, defining the skill sets that our future graduates should have, and re-defining the core computer courses. Being a graduate from our University, you are the one having the best understanding on what the courses have offered and what the courses can better be improved to meet the society's need. We therefore would like to ask for your suggestions and comments on the new 4-year curriculum. Our Department needs your precious inputs. Please send your comments/suggestions to [comp@comp.hkbu.edu.hk](mailto:comp@comp.hkbu.edu.hk).

# 3-3-4

## “Colloquia/Seminars Held (June to December 2007)

6/12

**Dr. Andrew Teoh Beng Jin**

Yonsei University, Korea

**Biometric Template Protection Techniques: Progress and Challenges**

28/11

**Prof. Graham D. Finlayson**

University of East Anglia, UK

**From Pixels to Perception**

25/10

**Prof. Touradj Ebrahimi**

Swiss Federal Institute of Technology, Switzerland

**JPSearch - An Emerging Standard for Search and Retrieval of Images**

16/10

**Dr. Raymond Wong**

University of New South Wales, Australia

**Knowledge in Your Pocket**

31/8

**Dr. Zongpeng Li**

University of Calgary, Canada

**Optimal Multicast in Undirected Networks**

30/8

**Dr. Patrick C. K. Hung**

University of Ontario Institute of Technology, Canada

**Research Issues of Privacy Access Control Enforcement Model for Mobile Ad Hoc Healthcare Services**

8/8

**Dr. Frank Guerin**

University of Aberdeen, UK

**Tractable Combinational Auctions via Graph Matching**

20/7

**Prof. Chunming Rong**

University of Stavanger, Norway

**Semantic Integrated Services with Wireless Sensors**

7/6

**Prof. Keqin Li**

State University of New York, USA

**Average-Case Performance Analysis of Online Non-clairvoyant Scheduling of Parallel Tasks**



## STAFF NEWS



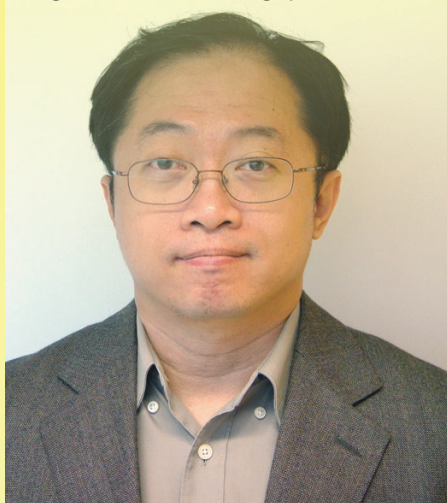
## Warm Welcome

**Prof. Jiming Liu** resumes as Head of Department effective 1 July 2007, after a period of leave.



## Mr. Albert Luo Kim Leung

joins the Department as Information Technology Project Manager on 1 November 2007. Albert received his BSc degree from HKU and an MSc degree from NUS (Singapore).



**Dr. Alfredo Milani**, visits the Department as a Visiting Scholar, from the Department of Mathematics and Computer Science, University of Perugia, Italy. His research interests are in automated planning and action-based reasoning and in the broad area of computational intelligence, including evolutionary and adaptive systems.



## Dr. Guoping Qiu

Dr. Qiu, Visiting Scholar, has been awarded a consultancy contract worth HK\$240,000 by industry. He was also invited to give a talk on "High Dynamic Range Imaging: Next Generation Digital Photography and Video" at the 2007 Hong Kong Computer and Communications Festival on 24 August 2007.





# MSc IN IT MANAGEMENT PROGRAMME

## Scholarship Presentation

During the Scholarship Presentation Ceremony on 23 June 2007, Prof. Y.W. Leung, Director of MSc in IT Management Programme, presented certificates and prizes to the recipients of the Merit Scholarships, in recognition of their outstanding academic performance in Semester 2, 2006-07.

Recipients of the Merit Scholarships are:

- ◆ Lam Kwan Yung
- ◆ Leung Cheuk Hon
- ◆ Li Yun
- ◆ Pong Kwok Wai
- ◆ Tong Yick Sze
- ◆ Zhang Liang
- ◆ Zhang Yiting

## Remarks from MSc Graduates

### Miss Cassie Yun Li

After graduation from the Beijing Normal University, Cassie enrolled in our MSc in IT Management Programme in 2006/07. She is now working as an Analyst Programmer in Hong Kong.



"By now, I have graduated from HKBU and I am so proud that I chose it. Despite the joys and sorrows from the very beginning of my study through to my working visa application as well as my current working life, I will never regret because I believe it will definitely give me more opportunities and challenges in the future", as said by Cassie.

### Miss Jinni Liang

Another graduate who is now working as a System Analyst Programmer in the Hong Kong FDS Solution Limited, Jinni shares:



"I was attracted by this programme because its level is comparable to similar programmes in foreign famous university but its tuition fee is relatively lower. My undergraduate specialty was computer science and technology, and the courses emphasized very much on the technical side. However, I prefer management and intend to engage management-related jobs in IT field. Therefore, the MSc in IT Management Programme is a perfect choice for me."

## Application for the MSc in IT Management Programme

The IT Management Programme focuses on IT Management with an emphasis on both technological and managerial sides of IT. Students will learn the state-of-the-art methodologies in the hot areas of IT Management and gain a transformational experience in intergrating the technological and managerial sides of IT.

Applicants who possess a Bachelor's degree in science, engineering, business or other relevant fields from a recognized university or equivalent qualification, and are proficient in English, can apply for the Programme.

**For HKBU alumni, an Alumni Studentship at 20% off the tuition fee will be offered.**

For further information, please visit: <http://www.comp.hkbu.edu.hk/msc/itm/>. The deadline for application is **29 February 2008**.



## AWARDS FOR STAFF AND STUDENTS

### Outstanding Contribution Award

**Prof. Yuan-Yan Tang**, Chair Professor, was presented the Outstanding Contribution Award by the IEEE Systems, Man, and Cybernetics Society for his outstanding contributions in helping establish various Chapters of the Society in China.



Prof. Yuan-Yan Tang

### IEEE Travel Grant

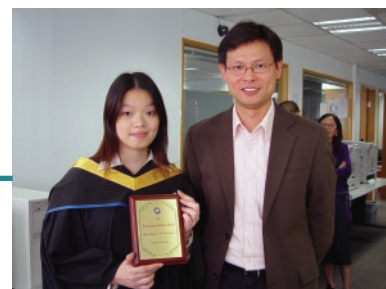
**Miss Michelle Chow Wing Yan**, fresh MPhil graduate, was awarded an IEEE Travel Grant to attend and present a paper at the IEEE International Conference on Communications, UK in June 2007. This award is only given to a very limited number of recipients with academic merits.



Miss. Michelle Chow

### Baptist Convention of Hong Kong Outstanding Student Award 2007

**Miss Jessica Cheung Yin Ling** was awarded the "Baptist Convention of Hong Kong Outstanding Student Award 2007" for her excellent performance in both academic studies and extra-curricular activities, during her final year of undergraduate studies.



Miss Jessica Cheung

### Best Workshop Paper Award

Our research students, **Mr. Victor Cheng Chi Wa** and **Mr. Vincent Zhili Wu**, won the Best Workshop Paper Award in the 2007 IEEE International Conference on E-Business Engineering Student Workshop for the paper "Online-Forum Topic Detection Based on User Participation" (authors included Victor, Zhili and their supervisor, Dr. Chun-hung Li).



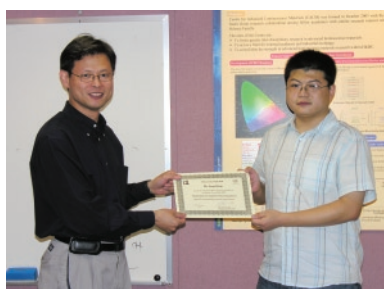
Mr. Victor Cheng



Mr. Vincent Wu

### Departmental Research Postgraduate Scholarships for 2006/07

In recognition of their outstanding research performance in 2006/07, **Miss Li Xin** and **Mr. Zeng Hong** were awarded the Departmental Research Postgraduate Scholarships.



Mr. Zeng Hong



Miss Li Xin

### First-grade Award in the Pan-Pearl River Delta Region Amway Universities IT Project Competition 2007

**Mr. Tong Tat Ming**, a fresh graduate of our Department, represented Hong Kong and won the First-grade Award in the Pan-Pearl River Delta Region Amway Universities IT Project Competition 2007, in Guizhou, China. His Project entitled "Document Image Segmentation" aims to identify text, headline and graphic components from a document image by rule-based method followed by k-means clustering.



Mr. Tong Tat Ming



# SHARING BY A POSTGRADUATE STUDENT

## My Experience of Visiting University of Waterloo - Xin Li PhD Student

Well before my postgraduate study, I read something about University of Waterloo (UW). There was one comment that impressed me so much that I can still remember even today. It said "If you are interested in Computer Science, University of Waterloo is amazing". At that time, I dreamed to study or live in North America. As time went by, the longing had almost totally faded away. To my surprise, I learned early this year that I had an opportunity to visit the reputable University as a Visiting Scholar in June 2007 for a month. So, here the journey goes...

On my way heading towards Waterloo from the airport, I realized that the atmosphere of the city is far from that of metropolitan or some breathtaking grandeur by comparing with my experience of sightseeing around Toronto and "dropping by" the Niagara Falls along the way to Waterloo. It is just a peaceful little town where this famous university is located. Sometimes I was wondering how much the outstanding research in this university owes to this serenity.

After settling down, I officially started my visiting period and launched the meetings with my host Dr. Pascal Poupart at UW. It was a great chance for me to discuss with elite scholars and receive valuable comments from them. The days at UW were inspiring, especially when sparks of research ideas came during research discussion. Besides being audience of seminars, I was honored to be invited to lead a group discussion for a specific topic and give a presentation about my current research at regular weekly AI seminar. This made me know more researchers and postgraduate students with different research focuses and received comments regarding different aspects of concerns. Some intention of cooperation is refreshing and exciting. Also, it was delightful of making new friends, attending their gathering, sharing living experience. I love the campus very much where the birds, squirrels, beavers and other small wild animals are around most of the time. At weekends, I took my laptop to the lobby of my residence to contact my friends online to describe what I have learnt and what I have met, sitting in a couch near to the French window where sunshine was pouring through.

This experience of visiting UW is invaluable and I have learnt a lot.

## RECRUITMENT

Applications are being invited for openings in 2008/09:

1. Assistant/Associate Professor positions in Computer Science and Information Systems
2. Lecturer positions in Computer Science and Information Systems

Closing date: **31 March 2008**

For details, please visit: <http://www.comp.hkbu.edu.hk/en/about/?content=jobs>

### Editorial Board

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### Article submissions or enquiries, please send to:

Tel: (852) 3411 2387  
Fax: (852) 3411 7892  
Email: [comp@comp.hkbu.edu.hk](mailto:comp@comp.hkbu.edu.hk)

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