



# Association for Computing Machinery Hong Kong Chapter Newsletter

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## Chairperson's Message



Welcome to the ACM-HK winter issue of the 2005 newsletter!

In the following, we shall report on the Collegiate Programming Contest 2005, and the Computer Chinese Checkers Competition, a large-scale event that we co-organized with the Computer Science Department of the Hong Kong Baptist University. The Contest received a very good response with over 20 teams formed from the participating universities. This year, a team from the Hong Kong University of Science and Technology won the 15<sup>th</sup> ACM-HK Programming Contest held in July 2005.

We have sponsored and promoted several international and regional activities and conferences held in Hong Kong with details listed in ACM-HK web site <http://www.acm.org.hk/>. This year, we are going to organize the 7<sup>th</sup> ACM-HK Postgraduate Research Day in March 2006 at the Hong Kong Polytechnic University, which will be a mini-conference for all research students in Hong Kong to present their work. We are also planning to offer a number of short courses to promote professional computing in various areas.

At present, ACM-HK continues to be a representative in the committee working on the certification of computing professionals for HKSAR.

We are looking forward to our members' continuing support and participation in the upcoming events.

Ronnie Cheung  
Chairman  
ACM-HK

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### What's New about ACM-HK

- **PG Research Day:** The 7<sup>th</sup> Postgraduate Research Day will take place in March 2006 at The Hong Kong Polytechnic University. This is a golden opportunity for postgraduate students in HK to share their innovative research ideas and results. (Page 5)
- **International Conference on Information Technology and Management (ICITM2006):** ACM-HK will sponsor this conference that will be held during June 14-16, 2006. The theme of the conference is “Best practices on development, service and education”. Deadline for submission of paper is Dec 23, 2005. Further information is available at : <http://www.hkcyberu.com/icitm2006/>
- **International Conference on Web-based Learning (ICWL 2006):** ACM-HK will sponsor this upcoming conference that is going to take place in Malaysia in August 2006. We shall keep members informed when further information is available.

### Collegiate Programming Contest



<http://www4.comp.polyu.edu.hk/~acm-hk/activity/pc/cpc2005/index.html>

The Collegiate Programming Contest (CPC 2005) was held on July 14, 2005 at the Loke Yew Hall of the University of Hong Kong.

Twenty teams were invited from the eight tertiary institutes in Hong Kong and Macau. The format of the contest pits teams of three programmers competing against the clock. Each team was given six programming problems and required to write programs to solve as many of these problems as possible in the allotted time. After four-hour running, the team from the Hong Kong University of Science and Technology eventually won out, using 373 minutes to solve 2 questions out of 6. The first runner up team from the Department of Computer Science and Engineering of the Chinese University of Hong Kong spent 395 minutes to solve 2 questions. The second runner team from the Department of Computer Science of the Hong Kong University solved 2 problems in 400 minutes.

#### **The prizes, provided by the event sponsor HP, were:**

- Winning team: 3 sets of PCs
- 1st Runner's up: 3 sets of PDAs
- 2nd Runner's up: cash coupon of total value \$1500
  
- Chinese Checker's competition champion : 1 PDA

### Chinese Checkers Competition



The Chinese Checkers Competition was held in concurrent with the Collegiate Programming Contest. Mr. Leung Yiu Cho won the championship.

## Contest Results

### Collegiate Programming Contest (2005)



**Champion: HKUST**

Team members: Huang Chi, Leung Tsz Kin,  
Wong Long Sing

**1<sup>st</sup> runner-up: Dept of Computer Science & Engineering (CUHK)**

Team members: Chan Siu Man, Chan Siu On, Ng Tung

**2<sup>nd</sup> runner-up: Department of Computer Science (HKU)**

Team members: Chan Man Hon, Lam Pak Shu, Pang Wing Pan

### Chinese Checkers Competition (2005)



**Champion: Mr. Leung Yiu Cho**

## International Collegiate Programming Contest

This year, the HKU team won the championship of the 2005 ACM Asia Programming Contest (Manila) held on October 28-29, 2005. The team will join the winning teams from other regional contests to compete in the World Final to be held in Texas, USA in April 2006. Further information available at :

[http://www.cs.hku.hk/news/2005/1102\\_acm.htm](http://www.cs.hku.hk/news/2005/1102_acm.htm)

## 6<sup>th</sup> Postgraduate Research Day Results

**Best Paper Award for PhD Students:**

Haibo Hu, Department of Computer Science, HKUST

**Best Paper Award for MPhil Students:**

Jing Zhou, Department of Computing, HKPolyU

**Merit Awards**

Hong Chang, Department of Computer Science, HKUST

Tak-Lam Wong, Dept of Systems Engineering and Engineering Management, CUHK

**Best Presentation**

Henry C. M. Leung, Department of Computer Science, HKU

## The 7<sup>th</sup> ACM Postgraduate Research Day

### *Call For Papers*

The Postgraduate Research Day is an annual event organized by ACM (Hong Kong Chapter). The event provides an excellent opportunity for computer science/engineering postgraduate students from all universities in Hong Kong to gain exposure in conference, to present their innovative research results and to share research ideas and experiences. Through this event, we aim at fostering an environment to promote closer interactions and collaborations among postgraduates and to promote R&D awareness in Hong Kong.

#### **Date and Hosting Institute**

The forthcoming Postgraduate Research Day will be held on March 25, 2006 (Saturday) at The Hong Kong Polytechnic University.

#### **Scopes**

Postgraduates of all local universities in Hong Kong are invited to submit research papers in areas related to computer science/engineering. The student author of each accepted paper is required to give a presentation on the Postgraduate Research Day. We will not claim exclusive copyright for the accepted papers.

Two best paper awards, a best presentation award and a couple of merit awards will be presented. To be considered for prize awards, the paper must include a student as the first author.

#### **Important Dates**

Deadline of submission: Dec 23, 2005  
Conference date: Mar 25, 2006

#### **Submission Details**

All submitted papers should include a cover page that indicates the title of the paper, the name(s), affiliation(s) and email address(es) of the author(s), research degree enrolled (M.Phil. or Ph.D.) of the student author and an abstract of not more than 300 words. The author(s) list MUST include a student who is currently registered as a postgraduate in any of the local universities in Hong Kong. The paper should be limited to 5000 words. For submission, a PDF file of the paper must be sent online through the Postgraduate Research Day web site. Formatting instructions for paper submission and further information can be obtained from :

<http://www4.comp.polyu.edu.hk/~acm-hk/activity/pg/index2006.html>

### ACM-HK Sponsored Events 2005

[www.comp.polyu.edu.hk/~acm-hk/activity/index.html](http://www.comp.polyu.edu.hk/~acm-hk/activity/index.html)

- ◆ Second International Symposium on Parallel and Distributed Processing and Applications (ISPA'04) was held during December 13-15, 2004 in Hong Kong. Details are available at <http://www.comp.polyu.edu.hk/ISPA04/>
- ◆ X'Mas Networking Party held with HKITF on 16<sup>th</sup> December 2004.
- ◆ International Conference on Web-based Learning (ICWL 2005) was held in Hong Kong from July 31, 2005 to August 3, 2005. Details are available at <http://www.comp.polyu.edu.hk/icwl2005>
- ◆ The Hong Kong Computer and Communications Festival 2005 was held during August 19-22, 2005. Details are available at <http://www.hkccfexpo.com>
- ◆ The IT National Day Celebration held on September 16, 2005. Details are available at: <http://www.nationalday.org/56/committee.htm>
- ◆ 6<sup>th</sup> International Workshop on Advanced Parallel Processing Technologies (APPT 05) was held in Hong Kong during Oct 27-28, 2005. Details are available at <http://www.comp.polyu.edu.hk/APPT05>

### Registration System for IT Professionals

ACM-HK is one of the members in the working group for a common registration system for IT professionals (the working group is chaired by HKIE). It is estimated that the working group is targeting the proposed system for 5000 IT professionals.

ACM-HK is represented in every meeting in the working group. All ACM-HK voting and professional members are being included in the target for the common registration system. Professional members of ACM-HK will be considered with extra merit. If you would like to register with us as an ACM-HK professional member, please refer to :

[http://www.comp.polyu.edu.hk/~acm-hk/registration/regform\\_html.html](http://www.comp.polyu.edu.hk/~acm-hk/registration/regform_html.html)