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# **BROADBAND WORLD FORUM ASIA 2008**

## **POSTER SESSION**

**16 - 17 July, 2008**  
**at Hong Kong Convention and Exhibition Centre,**  
**Hong Kong, China**

**Organised by**

**The Institution of Engineering and Technology**  
**Hong Kong**



## **CALL FOR PAPERS**

### **INTRODUCTION**

Broadband Wireless Access (BWA) technologies are becoming extremely important to vendors and standardisation bodies respond to this development with new and powerful BWA technologies. Supporting transmission rates up to several megabits per second at distances far as tens of kilometres while providing full mobility support, these BWA technologies provide the long-awaited means for delivering any telecommunication service over the Internet.

BWA technologies are yet in their infancy and one outcome is that many are far from being complete and optimised for such a versatile environment like the Internet. Consequently, BWA is currently receiving much attention by the research community. By organising this broadband wireless forum, it is our intention to bring together and provide an international forum for this research community. In this line, the Poster Session programme covers various aspects of these technologies including but not limited to the following topics :

### **FORUM TOPICS**

- Characterization, modeling of BWA traffic, mobility and channels
- Spectrum management
- Interoperability aspects (fixed/mobile LANs, MANs, WANs)
- Capacity planning and traffic engineering
- Physical and data link layer issues
- Network management
- QoS in Mobile and BWA Networks
- Radio resource management, admission control and scheduling
- Future BWA Technologies, 802.16x, 802.20, UMTS, 802.16m: Gigabit WiMAX
- 3G/4G wireless technologies
- Mobile TV, digital TV and fixed WiMAX
- Mobile WiMAX, 3G LTE and the road to 4G
- WiFi interoperates versus WiMAX
- WiMAX, HSPA, and fixed Wireless
- IPTV, Mobile TV, and its technologies and convergence.

Mr. Stephen Lai  
Vocational Training Council

Mr. W.K. Leung  
Vocational Training Council

Dr. Y.H. Shum  
Vocational Training Council

Mr. James Pang  
PB Parsons Brinckerhoff (Asia) Ltd

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Dr. Samson Tam, JP  
Group Sense (International) Ltd

## **WHO SHOULD ATTEND**

The forum will be of interest to planners, network operators, engineers, researchers, academias, consultants and governments officials of all aspects of wireless broadband communications. It will also attract manufacturers and suppliers of network switching centre, base station equipment and end-user device.

Detail of the “**Broadband World Forum Asia 2008**” can be found at the website: [http://www.iec.org/events/2008/bbwf\\_asia/](http://www.iec.org/events/2008/bbwf_asia/)

## **ABSTRACT AND PAPER SUBMISSION**

Papers are now invited on the listed forum topics and others relevant to the theme of the forum. Abstract of no more than 300 words should be submitted through the forum website: <http://www.theiet.org.hk/bbwfa2008>

Electronic submission in PDF format is strongly encouraged. Each submitted abstract is subjected to a single registration. The submission format should be 12 points in character size, Times New Roman in font and A4 in page size. Author name, post in organisation, name of organisation (including country), contact email address and keyword(s) must be included in the submission. No registration fee is required for abstract or full paper submission.

The submission of abstract summary should clearly state the purpose, result(s) and conclusion(s) of the work. The authors of accepted abstracts will be invited to submit the full paper ( 4 – 5 pages).

Final acceptance will be based on full-length paper subject to the decision of the Institution of Engineering and Technology ( **IET** ) which will be final. The accepted papers will be presented in the Poster Session of the forum. The working language of the forum will be in English. The selected papers will be published in IET digital library and will be indexed by INSPEC Database.

The authors of final accepted papers will be invited to attend the forum's Cocktail Ceremony to be held on 17 July 2008 (Thursday) evening.

## **PRIZE**

The authors of the reviewed outstanding papers will be awarded the appreciation certificates by The IET of Hong Kong and the prize award.

The prize awards consist of Gold Prize (HK\$3,000), Silver Prize (HK\$2,000), Bronze Prize (HK\$1,000), and five Merit Prizes.

## **SCHEDULE**

Deadline of abstract submission: 30 April 2008 (Wednesday)

Notification of acceptance: before 30 May 2008 (Friday)

Deadline of full paper submission: 20 June 2008 (Friday)

## **ENQUIRY**

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