

# **Program of International Workshop on Advanced Technologies for IMT-A (IWATA2009)**

Hong Kong, Nov. 1, 2009

Time: 1:00pm-4:30pm

**1:00pm-1:05pm: Official Opening**

**1:05pm-1:30pm: Opening Talk**

**Recent Standardization Development on IMT-A**

Yiqing Zhou

*Hong Kong Applied Science and Technology Research Institute Company Limited*

**1:30pm-1:55pm**

**Analysis and Suppression of MAI in WiMAX Uplink Communication System with Multiple CFOs**

Xiupei Zhang and Heung-Gyoon Ryu

*Department of Electronic Engineering, Chungbuk National University, Cheongju, Korea*

**1:55pm-2:20pm**

**Capacity of Two-Way Relay Channel**

Shengli Zhang<sup>1,2</sup>, Soung Chang Liew<sup>1</sup> and Hui Wang<sup>2</sup>

<sup>1</sup>*Department of Information Engineering, The Chinese University of Hong Kong, Hong Kong, China*

<sup>2</sup>*Department of Communication Engineering, Shenzhen University, Shenzhen, China*

**2:20pm-2:50pm: Coffee Break**

**2:50pm-3:15pm**

**DP Matching Approach for Streaming Contents Detection using Traffic Pattern**

Kazumasa Matsuda<sup>1</sup>, Hidehisa Nakayama<sup>2</sup> and Nei Kato<sup>1</sup>

<sup>1</sup>*Graduate School of Information Science, Tohoku University, Miyagi, Japan*

<sup>2</sup>*Department of Electronics and Intelligent Systems, Tohoku Institute of Technology, Miyagi, Japan*

**3:15pm-3:40pm**

**A Stochastic Geometry Approach to Outage Analysis of Cooperative Communications System**

Hongzheng Wang, Shaodan Ma and Tung-Sang Ng

*Dept. of Electrical and Electronic Engineering, University of Hong Kong, Hong Kong*

**3:40pm-4:05pm**

**Transmit Precoding Design for Multi-Antenna Multicast Broadcast Services with Limited Feedback**

Eddy Chiu and Vincent Lau

*Dept. of Electronic and Computer Engineering, Hong Kong University of Science and Technology, Hong Kong*

**4:05pm-4:30pm: Free Discussion**