

ISCIT 2013

Communication and Information Technology for New Life Style Beyond the Cloud

The 13th International Symposium on Communications and Information Technologies (ISCIT 2013) is a premier Asia-Pacific based symposium under the technical sponsorship of the Digital Signal Processing Technical Committee (DSPTC) of the IEEE Circuits and Systems (IEEE-CAS) Society. The symposium is also technically supported by the Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology Association of Thailand (ECTI Thailand), IEEE Thailand Section, the Institute of Electronics, Information and Communication Engineers (IEICE), and the Korea Information and Communications Society (KICS).

2001 Chiang Mai, Thailand	2005 Beijing, China	2009 Incheon, Korea
2002 Pattaya City, Thailand	2006 Bangkok, Thailand	2010 Tokyo, Japan
2003 Songkhla, Thailand	2007 Sydney, Australia	2011 Hangzhou, China
2004 Sapporo, Japan	2008 Vientiane, Laos	2012 Gold Coast, Australia

ISCIT 2013 was held on September 4-6, 2013, at Noraburi Resort & Spa Hotel, Samui Island, one of Thailand's beautiful islands and leading tourist destinations attracting a large number of visitors each year. Visit the official website at <http://www.iscit2013.org/>



The technical areas of the symposium include:

- *Communication System*
- *VLSI and Circuits and Systems*
- *Computer and Information Networks*
- *Signal and Image Processing*
- *Cloud Computing Web Service Applications*
- *Others*



Special points of interest

- There were 210 papers submitted from 20 countries including Thailand, China, India, Japan, Australia, Tunisia, Korea, Taiwan, Malaysia, United States, Spain, Czech Republic, Mexico, Singapore, France, Portugal, Canada, Sudan, Israel and Macau, and 162 papers were accepted.
- The acceptance rate is 77.5%.
- There were 172 participants attended to 5 parallel sessions and 1 poster session.

Symposium overview

ISCIT 2013 keynote speech were given by 4 distinguished professors and renown researchers from the industrial part.

The first talk was given by keynote speaker from the host country, **Prof. Ekachai Leelarasmee** from Electrical Engineering Department, Chulalongkorn University, on the topic of *“Techniques for Solar Farm Monitoring”*.



The second talk was given by renown researcher in the industrial part, **Dr. Masatoshi Suzuki** from KDDI R&D Laboratories, Inc., Japan, on the topic of *“Paradigm Shift of Optical Communication System – Digital Signal Processing & Space Division Multiplexing”*.

The third talk was given by **Prof. Dr. Rudolf Mathar** from Institute for Theoretical Information Technology, RWTH Aachen University, Germany, on the topic of *“Protocols and Technical Requirements for Cryptographically Secure Metering”*



The last talk was given by **Prof. Yusaku Fujii** from Gunma University, Japan, on the topic of *“Review of the Levitation Mass Method - A precision mechanical measurement method”*

There were also 5 special sessions in ISCITS 2013 including

- Smart Media Technologies and Networking
- Smart Systems of Wireless Image Communications.
- ICT for Rural Area
- ICT for Creative Industries
- ICT for Health and Transportation

Awards

There were 3 Best Paper Awards of ISCIT 2013 as follows.



“Optimal subcarrier allocation for 2-user downlink multiantenna OFDMA channels with beamforming interpolation”, Kritsada Mamat and Wiroonsak Santipach from Kasetsart University, Thailand



“A 35-GHz Frequency Synthesizer Using Frequency Doubling and Phase Rotating Technology”, Ching-Yuan Yang, Chih-Hsiang Chang and Jun-Hong Weng from National Chung Hsing University, Taiwan



“Weighted Least-Squares Design of Variable Recursive Digital Filters with Guaranteed Stability”, Tian-Bo Deng, Sorawat Chivapreecha and Kobchai Dejhan from Toho University, Japan

Events

Several social events were prepared for both academics and informal interactions between ISCIT 2013 participants.



Welcome party
on September 4, 2013



Banquet dinner
on September 5, 2013



➤ ISCIT 2014 to be held in Korea.