

Guest Editorial:

Special Issue on Selected Papers from APCC 2014

Since the inaugural Asia-Pacific Conference on Communications (APCC) in 1993, APCC has become a forum for researchers and engineers to present and showcase advancements related to information and communication technologies and services. Under the theme “Intelligent Communications for Sustainable Development”, the 20th Asia-Pacific Conference on Communications was held in the dynamic and colorful city of Pattaya, Thailand during October 1-3, 2014.

The technical program was chaired by Assoc. Prof. Dr. Titipong Lertwiriaprapa, King Mongkut's University of Technology North Bangkok, Assoc. Prof. Dr. Peeraphong Uthansakul, Suranaree University of Technology, and Dr. Kamol Kaemarungsi, Thailand's National Electronics and Computer Technology Center who led a technical program committee consisting of 9 track areas including with 1) wireless and mobile communication technology, 2) modulation and coding, 3) antennas, propagations, microwave and communication circuits, 4) photonic and optics, 5) information and communication theory, 6) signal processing and DSP, 7) networking, 8) IT and computers, and 9) other selected area in communications. Moreover, there were 6 special sessions including 1) Advanced Communication Technology for Smart Grid (SG), 2) Body Area Networking (BAN), 3) Advanced Image Signal Processing, 4) Challenge of 5G Technology, 5) Advanced Antennas and Microwave Devices, and

6) Emerging Technologies for Next Generation Ambient Intelligence and Sensor Networks.

A total of 152 papers were submitted from 18 countries spanning the major regions of the world. Based on the peer review scores from double blind reviewers, 100 papers were selected for presentation in this year's conference resulting in an acceptance rate of 65.79%. Subsequent to the 2014 APCC, a number of invited papers were technically extended in a substantial way from their conference proceeding versions and were submitted to this special issue. From the rigorous work of many dedicated editorial team and reviewers, who are doing this job on a voluntary basis, we are able to present to you this special issue which contains 2 high-quality accepted papers.

As Guest Editors of this special issue, we would like to congratulate all the authors for their excellent work and their contribution. Our gratitude extends to all the technical program chairs for their selection of the best papers as well as all the reviewers who assisted in the critical and timely review of all the submitted papers. We are especially thankful to Prof. Apisak Worapishet, Editor-in-Chief of the ECTI Transactions on Electrical, Electronics and Communications, for helping us to stay organized and move through the process in a timely fashion.

Peerapong Uthansakul, Guest Editor

Wipawee Hattagam, Guest Editor