IEEE COMMUNICATIONS SOCIETY

ICUFN 2010
The Second International Conference on Ubiquitous and Future Networks

June 16-18, 2010, Jeju Island, Korea

http://www.icufn.org

International Advisory Committee
- Byeong Gi Lee, SNU, Korea
- Nim Cheung, ASTRI, China
- T. Higashino, Osaka Univ., Japan
- Chul Hee Kang, Korea Univ., Korea
- Kyung Sup Kwak, Inha Univ., Korea
- Chuwhan Yim, Klabs, Korea
- Zygmunt J. Haas, Cornell Univ., USA
- Ramjee Prasad, Aalborg Univ., Denmark
- Wu Hequan, Chinese Academy of Engineering, China

Steering Committee
- Jinwoo Park, Korea Univ., Korea
- Sungchang Lee, Korea Aerospace Univ., Korea
- Ilyoung Chong, HUFS, Korea
- Jaeyong Lee, Yonsei Univ., Korea
- Chi Deuk Ahn, ETRI, Korea
- Dong Ho Cho, KAIST, Korea
- Yeong Min Jang, Kookmin Univ., Korea
- C. K. Toh, Univ. of Hong Kong, China
- Sang Hong Lee, KT, Korea
- Pascal LORENZ, Univ. of Haute Alsace, France
- Naohisa Ohta, Keio Univ., Japan
- Zhisheng Niu, Tsinghua Univ., China
- H. Kim, CMU, USA
- Zary Segall, UMBC, USA
- Yeong Ro Lee, NIA, Korea

Organizing Committee

Organizing Co-Chairs
- Yeong Min Jang, Kookmin Univ., Korea
- C. K. Toh, Univ. of Hong Kong, China

Publication Co-Chairs
- Ki-Hyung Kim, Ajou Univ., Korea
- Ik-Jun Yeom, Sungkyunkwan Univ., Korea

Publicity Co-Chairs
- Sunghyun Choi, Seoul National Univ., Korea
- Wonjun Lee, Korea Univ., Korea
- Masaki Bandai, Shizuoka Univ., Japan
- Xin WANG, Fudan Univ., China
- Timo Sukuvaara, FMI, Finland

Registration Co-Chairs
- Myungsik Yoo, Soongsil Univ., Korea
- Namhi Kang, Duksung Women's Univ., Korea

Finance Co-Chairs
- Won Ryu, ETRI, Korea
- Hanwook Jung, KT, Korea

Local Arragement Co-Chairs
- Wang-Cheol Song, Cheju Natl. Univ., Korea
- Sungrae Cho, Chung-Ang Univ., Korea
- Ji-Hoon Lee, SAIT, Korea

Web Co-Chairs
- Yonghoon Choi, Kwangwoon Univ., Korea
- Sunwoong Choi, Kookmin Univ., Korea

Coordinator
- Sangwhan Lee, Kookmin Univ., Korea
- Dongkyun Kim, Kyungpook National Univ., Korea

Technical Program Committee

Co-Chairs
- Seung Hyong Rhee, Kwangwoon Univ., Korea
- Naohisa Ohta, Keio Univ., Japan

Vice Co-chairs
- Junghoon Mo, Yonsei Univ., Korea
- Hideyuki Uehara, Toyohashi Univ. of Tech., Japan

CALL FOR PAPERS

During the last decade, we have witnessed fast developments of various networking technologies, and many forms of networking are core parts of our daily lives now. With the proliferation of future wireless technologies and electronic devices, there is a fast growing interest in ubiquitous and future networks. In the days to come, we expect that the ubiquitous communication and networking technologies will become ubiquitous along with the emergence of many future networking technologies. The ubiquitous and future network will offer multiservice, multimedia services convergence, mobility, service ubiquity and context awareness, fixed-mobile convergence, quality of service, variable connectivity, spontaneous networking, autonomic networking and other capabilities as the norm. Building on the success of the First International Conference on Ubiquitous and Future Networks (ICUFN 2009), which took place in Hong Kong, June 2009, the Second International Conference on Ubiquitous and Future Networks (ICUFN 2010) aims at addressing advances in research on ubiquitous and future networks, covering topics ranging from technology issues to applications and test-bed developments. ICUFN 2010 solicits original, unpublished contributions in all aspects of ubiquitous and future networking. Submitted articles must not be concurrently considered elsewhere for publication. The conference is organized by KICS, Korea, with the technical co-sponsorship of IEEE Communications Society. All accepted papers will be published in the proceedings with assigned IEEE ISBN number and will also be included in the IEEE Xplore Digital Library.

The topics include, but are not limited to:

- Ubiquitous computing and networking
- Future internet and network architecture
- Ad-hoc and wireless mesh/relay networking
- Radio resource management
- Cross layer design and optimization
- Cellular & broadband Wireless (3G/4G/5G)
- Internet technologies and applications
- MAC/routing/channel assignment protocols
- Cognitive Radio(CR) networks
- Cooperative communication and networks
- Opportunistic networking
- Delay Tolerant Network
- Pervasive mobile computing
- Peer to Peer Technology and Overlay Networks
- Mobile multimedia networking
- Network management
- QoS/QoE provisioning
- Network security
- Emerging applications including mobile IPTV and VoIP
- Sensor networks and RFID
- Radio over fiber networks
- Visible Light Communications(VLC)
- Body area networks
- Green IT network
- Smart Grid networks/Smart Utility Networks(SUN)
- ITS & Vehicular Ad Hoc Networks (VANETs)
- Case studies: design and implementation of future networks

Submission Guidelines:

All submissions must be submitted electronically, in PDF format and uploaded on EDAS. The direct link for paper submission is http://edas.info/newPaper.php?c=8365&. There are two options for the submissions, either a full paper or an extended abstract. We decided to allow the submission of extended abstracts in order to accommodate the most recent research outcomes. The submissions should be formatted with single-spaced, double-column pages using at least 10 pt (or higher) size fonts on A4 or letter pages in IEEE style format. The maximum page numbers are 6 for full papers. Authors should submit 2-page two-column manuscript for extended abstracts. The camera-ready version for an accepted paper cannot exceed 6 pages. Detailed formatting and submission instructions will be available on the conference web site (http://www.icufn.org).

Selected Journal Publication

All accepted papers will be appeared in IEEEXplore Digital library only if at least one of the authors attends to present the paper. Also, some of selected papers will be invited for the special issue of Wireless Personal Communications journal (SCIE-indexed) after further revisions(http://www.springer.com/engineering/signals/journal/11277).

Best Paper Awards

Some best papers will be selected by technical program committee members among regular papers presented at ICUFN 2010.

Important Dates
- Manuscripts (full paper or 2-page extended abstract) Due: **March 1, 2010**
- Acceptance Notification: **April 15, 2010**
- Camera-ready Submission: **May 1, 2010**

IEEE | Springer | KICS Korea Information and Communications Society

KCC | NIA | ETRI | olleh kt | SK telecom | LG Telecom | SAMSUNG ELECTRONICS | LG Electronics | LG-NORTEL | MODACOM