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## CALL FOR PAPERS

During the last decade, we have witnessed fast developments of various networking technologies, and many forms of networking are becoming core parts of our daily lives. 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 and Second International Conferences on Ubiquitous and Future Networks, the Third International Conference on Ubiquitous and Future Networks (ICUFN 2011) aims at addressing advances in research on ubiquitous and future networks, covering topics ranging from technology issues to emerging applications and test-bed developments. ICUFN 2011 solicits original, unpublished contributions in all aspects of ubiquitous and future networking.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 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
- IMT-Advanced networks
- Ad-hoc and wireless mesh/relay networking
- Radio resource management
- Cross layer design and optimization
- Cellular & broadband wireless networks (3G/4G/5G)
- Internet technologies and applications
- MAC/routing/channel assignment protocols
- Cognitive Radio (CR) networks
- Cooperative communications and networks
- Opportunistic networking
- Delay tolerant networks
- 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 (BANs)
- Green IT networks
- Smart Grid networks/Smart Utility Networks (SUN)
- ITS & Vehicular Ad Hoc Networks (VANETs)
- Case studies: design and implementation of future networks

### Submission Guidelines:

All papers must be submitted electronically, in PDF format, and uploaded on EDAS. The direct link for paper submission is <http://edas.info/N9518>. 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 number of pages is 6 for full papers. Authors should submit a 2-page two-column manuscript for extended abstracts. The camera-ready version of 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 appear in the IEEE Xplore Digital library only if at least one of the authors attends to present the paper. Also, some of the 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

Best papers will be selected by the technical program committee members among regular papers presented at ICUFN 2011.

### Important Dates

- Submission Deadline: **March 15, 2011**
- Acceptance Notification: **April 15, 2011**
- Camera-Ready Paper: **May 1, 2011**

