



## CALL FOR PAPERS

### GENERAL INFORMATION

The 33rd International Conference on Information Networking (ICOIN) will take place in Kuala Lumpur, Malaysia, which is organized by Korea Institute of Information Scientists and Engineers (KIIE) and technically co-sponsored by IEICE Communications Society. It has been 33 years since ICOIN originally started under the name of Joint Workshop on Computer Communication in 1986. In past thirty years, computer communication and networking technologies have changed every aspect of our lives and societies. While computer networks have contributed largely to the current IT advancement, it will play a key role in new IT paradigms such as IoT and cloud computing and will be applied to various areas of the upcoming society including industry, business, politics, culture, medicine and so on. ICOIN is the most comprehensive conference focused on the various aspects of advances in computer communication and networking technologies.

The main purpose of ICOIN 2019 is to improve our research by achieving the highest capability and encourage open discussions on computer communication and networking technologies. Authors are invited to submit original unpublished manuscripts that demonstrate recent advances in computer communications, wireless/mobile networks, and converged networks in the theoretical and practical aspects.

### TOPICS (Areas of interest include, but are not limited to)

- 5G/6G cellular systems and heterogeneous networks
- Ad-hoc and sensor networks
- Artificial intelligence (AI) and autonomous networking
- Big data/Cloud computing and networks
- Cognitive radio, cooperative communication and networking
- Content distribution network (CDN)
- Contents/Information centric networking (CCN/ICN)
- Cross-layer design and optimization
- Cyber-physical system (CPS)
- Delay/Disruption tolerant network (DTN)
- Device-to-device communications
- Distributed database and data mining
- Energy-efficient protocols, green networks, and smart grid
- Future Internet and future networks
- Healthcare systems and networks
- Industrial networks and smart factory
- Internet and web-based database systems and applications
- Internet of things and machine-to-machine communications
- Machine learning and networking
- Multimedia/database systems and applications
- Networked computing systems and devices
- Network performance analysis/measurement and evaluation
- Network security, trust and privacy
- Network simulation and modeling
- Network survivability and reliability
- Network science
- Network traffic management
- Optical networks
- Operating systems and middleware support for networking
- Peer-to-peer (P2P)/Overlay networks
- Pricing and billing
- QoS and resource management
- Routing, switching, and addressing
- Social computing and networks
- Software defined networking (SDN) and network virtualization
- Ubiquitous home and office networking
- Underwater networks
- Vehicle-to-everything (V2X) and autonomous cars
- Wireless/mobile networks (WBAN/WPAN/WLAN/WMAN/WWAN)
- Wireless mesh/multihop networks

### SUBMISSION AND PUBLICATION

Authors are invited to submit full paper (up to 6 pages) or short paper (3 pages) electronically as PDF files through EDAS. The direct link for paper submission is <http://edas.info/N24984>. Details about the submission process including formatting instructions will be available at the conference website, <http://www.icoin.org>. Papers must be submitted using the IEEE conference template. The direct link for the template is [http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html). All submitted papers are subject to peer reviews by Technical Program Committee members. Accepted papers for presentation in the conference will appear in the proceedings which will be available to participants during the conference. More details will be made available in subsequent announcements and on our website. There will be Best Paper Awards for outstanding contributed papers. All accepted papers will be published in the Proceedings of ICOIN 2019.

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### IMPORTANT DATES

- Paper Submission Due: **August 31, 2018**
- Acceptance Notification: **October 26, 2018**
- Camera-ready Due: **November 9, 2018**
- Conference Dates: **January 9-11, 2019**

### CONTACT INFORMATION

If you have any questions about the CFP and papers submission, please send any inquiry to TPC Chair: Prof. Young-June Choi (Ajou University, Korea, [choiyj@ajou.ac.kr](mailto:choiyj@ajou.ac.kr)).