

CALL FOR PAPERS

The 34th International Conference on Information Networking (ICOIN 2020)

January 7-10, 2020
Barcelona, Spain

<http://www.icoin.org/>



Introduction

The 34th International Conference on Information Networking (ICOIN) will take place in Barcelona, Spain, which is organized by Korea Institute of Information Scientists and Engineers (KIISE). It has been 34 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 2020 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 Authors are invited to submit original unpublished manuscripts that demonstrate recent advances in computer communications, wireless/mobile networks, and converged networks in the theoretical and practical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.

Major 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
- Blockchain platforms and services
- Cognitive radio, cooperative communication and networking
- Content distribution networks (CDN)
- Contents/Information-centric networks (CCN/ICN)
- Cross-layer design and optimization
- Cyber-physical system (CPS)
- Delay/Disruption tolerant network (DTN)
- Energy-efficient protocols and green networks
- Future Internet and future networks
- Industrial networks and smart factory
- Internet and web-based database applications
- Internet of things (IoT)
- Machine learning and networking
- Network performance analysis and evaluation
- Network security, trust and privacy

- Network simulation and modeling
- Network survivability and reliability
- Network traffic management
- OS 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
- Vehicle-to-everything (V2X) and autonomous cars
- Wireless/mobile networks

Submission and Publication

Authors are invited to submit a full paper (5~ 6 pages) or a short paper (3~4 pages) electronically as PDF files using the IEEE conference template which are available at http://www.ieee.org/conferences_events/conferences/publishing/templates.html. The link for paper submission through EDAS is <https://edas.info/N26107>. All submitted papers are subject to peer reviews by Technical Program Committee members. All accepted papers for presentation in the conference will appear in the proceedings of ICOIN 2020. There will be Best Paper Awards for outstanding contributed papers. More details about the submission and publication process including formatting instructions will be available at the conference website, <http://www.icoin.org>.

Important Dates

Paper Submission Due	(Extended) September 15, 2019
Acceptance Notification	November 8, 2019
Camera-ready Due	November 29, 2019
Conference Dates	January 7-10, 2020

Contact Information

If you have any questions about the CFP and papers submission, please send any inquiry to TPC Chair: Prof. Sangheon Pack (shpack@korea.ac.kr).