

The 5<sup>th</sup> International Conference on **Artificial Intelligence in Information and Communication**  
February 20 (Mon.) ~ 23 (Thur.), 2023, Bali, Indonesia & Virtual Conference



## CALL FOR PAPERS

We have witnessed fast developments of various artificial intelligence (AI) technologies, and many forms of information and communication systems with AI are becoming core parts of our daily lives. With the proliferation of future information, communication, and electronic devices, there is a fast growing interest in information and communication technology (ICT) with AI. The conference promotes their transfer into practical applications, for developing intelligent ICT systems and pursuing artificial intelligence applications for contents, platforms, networks and devices. The Fifth International Conference on AI in information and communication (ICAIC 2023) aims at addressing advances in research on ICT, covering topics ranging from ICT technology issues to emerging AI applications for ICTs. ICAIC 2023 solicits original, unpublished contributions in all aspects of AI in information and communication. Submitted articles must not be concurrently considered elsewhere for publication. We also encourage authors to submit short papers on the early stages of research or development in progress, which present important new challenges. Position papers on new ideas and industry papers are also welcome. The conference will take place in Bali, Indonesia & Virtual Conference, which is organized by KICS (The Korean Institute of Communications and Information Sciences) Artificial Intelligence Society with the technical co-sponsorship of IEEE Communications Society and IEICE-CS. Accepted and presented papers will be published in the ICAIC Conference Proceedings with an assigned ISBN number and submitted to IEEE Xplore, Scopus, and EI Compendex. Also extended versions of selected papers will be published in the following international journals as a special issue for the ICAIC 2023.

### The topics include, but are not limited to

- Information and Communications Technology
- AI for Image Processing and Multimedia
- AI Applications for Networking and IoT
- AI for Control and Decision Systems
- AI Applications for Mobile Communication
- AI for Energy, Computer Systems and Semiconductor Device
- AI for Data Analysis, Big Data and Cloud
- AI for Neuroscience and Neuroengineering
- AI for eHealth
- AI Foundation

### Submission Guidelines

All papers must be submitted electronically, in PDF format, and uploaded on EDAS. The direct link for paper submission is <https://edas.info/N30162>. The submissions should be formatted with single-spaced, double-column pages using at least 10 pt size fonts on A4 or letter pages in IEEE style format. The maximum number of pages is 6 for full papers. Please make sure that full papers must be at minimum 3 pages in length. Detailed formatting and submission instructions will be available on the conference web site (<http://www.icaic.org>).

### Call for Workshop Proposals

Proposals are invited for half- or full-day workshops in communication and networking topics. Please contact chairs, Sungrae Cho and Howon Kim at [srcho@cau.ac.kr](mailto:srcho@cau.ac.kr) and [howonkim@pusan.ac.kr](mailto:howonkim@pusan.ac.kr)

### Selected Journal Publication

Accepted and presented papers will be published in the ICAIC 2023 Conference Proceedings. Also extended versions of selected papers will be published in the following international journals as a special issue or section for the ICAIC 2023.

- ICT Express (SCIE)
- Wireless Personal Communications (SCIE)
- Wireless Communications and Mobile Computing (SCIE)
- Applied Sciences (SCIE)
- Mobile Information System (SCIE)
- Sensors (SCIE)

### Best Paper Awards

Best papers will be selected by the technical program committee members among regular papers presented at ICAIC 2023.

### Important Dates

- Submission Deadline **Dec. 8, 2022**
- Acceptance Notification **Dec. 21, 2022**
- Camera-Ready Paper **Jan. 1, 2023**

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