

The 2<sup>nd</sup> International Conference on Artificial Intelligence in Information and Communication  
February 19 (Wed.) ~ 21 (Fri.), 2020, Takakura Hotel Fukuoka, Fukuoka, Japan

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# 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 Second International Conference on AI in information and communication (ICAIC 2020) aims at addressing advances in research on ICT, covering topics ranging from ICT technology issues to emerging AI applications for ICTs. ICAIC 2020 solicits original, unpublished contributions in all aspects of AI in information and communication.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 idea and industry papers are also welcome. The conference is organized by KICS (The Korean Institute of Communications and Information Sciences) 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 2020.

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

- Information and Communications Technology
- AI Applications for Networking and IoT
- AI Applications for Mobile Communication
- AI for Data Analysis, Big Data and Cloud
- AI for eHealth
- AI for Image Processing and Multimedia
- AI for Control and Decision Systems
- AI for Energy, Computer Systems and Semiconductor Device
- AI for Neuroscience and Neuroengineering
- 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/N26381>. 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, Dong-Seong Kim and Sung-Rae Cho at [dskim@kumoh.ac.kr](mailto:dskim@kumoh.ac.kr) and [srcho@cau.ac.kr](mailto:srcho@cau.ac.kr)

### Selected Journal Publication

Accepted and presented papers will be published in the ICAIC 2020 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 2020.

- Wireless Personal Communications (SCIE)
- Wireless Communications and Mobile Computing (SCIE)
- International Journal of Distributed Sensor Networks (SCIE)
- Mobile Information System (SCIE)
- Sensors (SCIE)
- International Journal of E-Health and Medical Communications (Scopus)
- ICT Express (Scopus, ESCI)
- Recent Advances on Communications and Networking Technology

### Best Paper Awards

Best papers will be selected by the technical program committee members among regular papers presented at ICAIC 2020.

### Important Dates

- Submission Deadline **Nov. 15, 2019**
- Acceptance Notification **Dec. 15, 2019**
- Camera-Ready Paper **Jan. 10, 2020**