IEEE ComSoc IEEE Communications Society

ICAIIC 2027

https://icaiic.org

The 9th International Conference on Artificial Intelligence in Information and Communication

February 22 (Mon.) ~ 25 (Thur.), 2027, Nakanoshima Center Osaka University, Osaka, Japan & Virtual Conference





CALL FOR PAPERS

We have witnessed rapid advancements in various artificial intelligence (AI) technologies, and many forms of information and communication systems with AI are becoming integral parts of our daily lives. With the proliferation of future information, communication, and electronic devices, there is growing interest in the integration of AI with information and communication technology (ICT). This conference aims to facilitate the transfer of these technologies into practical applications, developing intelligent ICT systems and exploring AI applications for content, platforms, networks, and devices.

The 9th International Conference on AI in Information and Communication (ICAIIC 2027) focuses on advances in ICT research, covering topics from core ICT technology to emerging AI applications for ICTs. ICAIIC 2027 invites original, unpublished contributions in all aspects of AI in information and communication. Submitted articles must not be under consideration for publication elsewhere. We also encourage submissions of short papers on early-stage research or development in progress, which present significant new challenges. Position papers on new ideas and industry papers are also welcome.

The conference, organized by KICS (The Korean Institute of Communications and Information Sciences) Artificial Intelligence Society, Osaka University, and Kookmin University, with technical co-sponsorship from IEEE Communications Society (IEEE ComSoC), IEICE-CS, and IEICE NOLTA Society, will take place in Osaka, Japan & as a Virtual Conference.

Accepted and presented papers will be published in the ICAIIC Conference Proceedings with an assigned ISBN number and submitted to IEEE Xplore, Scopus, and EI Compendex. Additionally, extended versions of selected papers will be published in some international journals as a special issue for ICAIIC 2027.

The topics include, but are not limited to

- AI Foundation and Emerging AI
- AI for Communication Networks
- AI for 5G/6G and Intelligent Networks
- AI for IoT and Edge Intelligence
- AI for Optical, Satellite and Space Communications
- Physical AI, Robotics and Autonomous Systems
- AI for Mobility and Transportation
- AI for Multimedia, Vision and Signal Processing
- AI for Sensing, Localization and Sensor Fusion
- AI for Devices, Semiconductors and Computer Systems
- AI for Control, Decision and Autonomous Intelligence
- AI for Neuroscience and Neuroengineering
- AI for eHealth
- AI for Energy and Sustainable ICT
- AI for Industrial Applications
- AI for Security, Privacy and Trust
- AI for Data Analysis, Big Data and Cloud
- AI Applications, Services and Emerging Technologies

Call for Workshop Proposals

Proposals are invited for half-day or full-day workshops on AI-related communication and networking topics. Please contact the chairs, Dong Seog Han and Howon Kim, at dshan@knu.ac.kr and howonkim@pusan.ac.kr.

Selected Journal Publication

Accepted and presented papers will be published in the ICAIIC 2027 Conference Proceedings. Additionally, extended versions of selected papers will be published in the following international journals as a special issue or section for ICAIIC 2027:

- ICT Express (SCIE)
- Wireless Personal Communications (SCIE)

Best Paper Awards

The best papers will be selected by the technical program committee members from among the regular papers presented at ICAIIC 2027.

Submission Guidelines

All papers must be submitted electronically in PDF format via EDAS. The direct link for paper submission is https://edas.info/N35066. There are two submission options: full papers and short papers. We have included the option to submit short papers to accommodate the most recent research outcomes. Submissions should be formatted as single-spaced, double-column pages, using at least a 10-point font on A4 or letter-sized pages in IEEE style. The maximum length is 6 pages for full papers and 3 pages for short papers. Please ensure that both full and short papers are a minimum of 3 pages in length. Detailed formatting and submission instructions are available on the conference website (https://icaiic.org).

Important Dates

Submission Deadline	Dec. 10, 2026
Acceptance Notification	Dec. 24, 2026
Camera-Ready Paper	Jan. 1, 2027

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