ICGHIT 2026

The 14th International Conference on Green and Human Information Technology

Call for Papers

"Toward Vertical Artificial Intelligence"

The 14th International Conference on Green and Human Information Technology (ICGHIT) is co-hosted by Green and Human Information Technology (GHIT), The Institute of Electronics and Information Engineers (IEIE). This conference is the unique global conference for researchers, industry professionals, and academics who are interested in the latest development of green and human information technology. This year's conference theme is "Toward Vertical Artificial Intelligence." Now a days, Vertical AI is already pervading our personal life every single day regardless of our recognition. They give us big challenges and great opportunities at the same time. Centering on this theme, we provide an exciting program: hands-on experience-based tutorial sessions and special sessions covering research issues & directions with applications from both theoretical and practical viewpoints. The conference will also include plenary sessions, technical sessions, and workshops with exhibition.

The topics include, but are not limited to:

• Green Information Technology
  - Green Technology & Energy Saving
  - Green Computing & Green IT Convergence and Applications

• Communication and IoT
  - Communications & Networks
  - Optical & Visual Light Communication
  - Ad-hoc & Sensor Networks
  - M2M/IoT & Ubiquitous Computing

• Computer and Network Security
  - Wireless and Mobile Security
  - Internet of Things Security
  - Applied Cryptography
  - Security in Big Data and Cloud Computing

• Multimedia and Signal Processing
  - Multimedia Processing & Smart Media Technology
  - Speech and Signal Processing
  - Computer Vision and Image Processing

• AI & Big Neural Network
  - Automatic Control & Neural Network and Fuzzy
  - Artificial Intelligence & HCI
  - Intelligent Robotics and Transportation & HRI
  - Brain Science and Bioengineering

• SW/HW Design, Architecture & Development
  - Architecture & Protocols
  - Sustainable Sensor Networks
  - Information-centric Sensor Networks
  - Blockchain-based Secure Sensor Networks
  - AI-based Self-evolving Sensor networks
  - Sensor/RFID Circuit Design
  - System on Chip (SoC)
  - IC System for Communication

Contacts

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Information for Authors

• Submitted papers are subject to a blind reviewed process handled by an international technical program committee. An author of an accepted paper must be registered at full rate prior to uploading the camera-ready version.
• Papers should be formatted in accordance with the ICGHIT conference style, using the provided template.
• The maximum number of pages is 6 for full and 4 for short papers.
• Detailed information is in the web site (http://icghit.org/).

Important Dates

• Deadline for regular/work-in-progress paper: Nov. 07, 2025 (GMT+9)
• Deadline for workshop proposal: Nov. 07, 2025 (GMT+9)
• Deadline for workshop paper: Nov. 07, 2025 (GMT+9)
• Notification of acceptance of regular paper: Dec. 19, 2025 (GMT +9)
• Notification of acceptance of work-in-progress paper: Dec. 19, 2025 (GMT +9)
• Notification of acceptance of workshop paper: Dec. 19, 2025 (GMT+9)
• Deadline for camera-ready paper (Regular and work-in-progress): Jan. 04, 2026 (GMT+9)
• Deadline for camera-ready workshop paper: Jan. 04, 2026 (GMT+9)
• Deadline for early registration: Jan. 04, 2026 (GMT+9)

Call for Workshop & Exhibition Proposals

ICGHIT 2026 will be hosting workshops or special sessions any research group. If anyone interested in organizing a workshop, please, contact to contact Soohyun Park (shpark21@kookmin.ac.kr) or Sungwook Park (swpark@gwnu.ac.kr).

Best Paper Awards

ICGHIT 2026 will present the Best Paper Awards to the authors of selected outstanding papers.

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