



The 12th International Symposium on Advanced and Applied Convergence

ISAAC 2024

November 21(Thu)-23(Sat), 2024.

COEX, Seoul, Korea

ABOUT O2O ISAAC 2024

The ISAAC 2024 international conference will be held as O2O. In O2O (Online to Offline), the paper author selects online or offline method to present and participate in the paper. ISAAC 2024 will bring together faculty, students, researchers, and practitioners to present the latest achievements, innovations, and potential future directions in information technology, systems, and applications. ISAAC 2024 will encourage an open debate on technology alternatives focused on the management and operation of current and future convergent technologies. International and domestic authors are invited to submit papers related to the topic of "Advanced and Applied Convergence". The subject is further subdivided into 10 focus areas. The purpose of this conference is to provide a forum for international educators, scholars, researchers and industry professionals, policy-makers and graduate students with opportunity to explore and discuss issues in the topics on Convergence Technology.

CORE TOPICS

ISAAC 2024 organizing committee invites all interested individuals to submit papers for poster and oral presentation. The topic of ISAAC will include but not limited to the following:

I. Telecommunication Information Technology (TIT)	<ul style="list-style-type: none"> Webcasting Contents, Broadcasting and Media Communication & Network Digital TV (CATV, HDTV and 3DTV), ITS, GIS and LBS 	<ul style="list-style-type: none"> Optical Communication and Future Network Mobile, Wireless and Satellite Communication (PAN, BAN etc.) Advanced Electromagnetic Field and Biology
II. Human-Machine Interaction Technology (HIT)	<ul style="list-style-type: none"> Intelligent Robot Technology Smart RFID/USN Convergence Artificial Intelligence, Neural Network and Machine Learning 	<ul style="list-style-type: none"> Data Mining and Knowledge Discovery Pattern Recognition and Information Retrieval Metabus, Drone
III. Nano Information Technology (NIT)	<ul style="list-style-type: none"> Information Displays and Memory (Flexible) Printed and Hybrid Components Photonic and Quantum Information Processing 	<ul style="list-style-type: none"> RFIC, SoC, SIP etc. Other Electronic Information Convergence
IV. Culture Information Technology (CIT)	<ul style="list-style-type: none"> Digital, Multimedia and Creative Contents Emotional and Art Technology Contents Distribution and Security 	<ul style="list-style-type: none"> Education Information Technology Tour and Leisure Information
V. Bio and medical Information Technology (BIT)	<ul style="list-style-type: none"> Bioinformatics and Computational Biology Biomedical Engineering, Bio chips etc. Health and Medical Informatics 	<ul style="list-style-type: none"> Hospital Management Information Agricultural and Fishery Information
VI. Environmental Information Technology (EIT)	<ul style="list-style-type: none"> Green Cloud computing Smart Sensor and Green Technology Smart Grid and Energy Information 	<ul style="list-style-type: none"> Civil and City Engineering Information Industrial Engineering and Production Information
VII. Electrical Facilities Technology (EFT)	<ul style="list-style-type: none"> Electric Facility Design and Engineering Electrical Installation and Construction Technology Electric Facility Diagnosis 	<ul style="list-style-type: none"> Electric Railroad Technology Electric Safety Technology
VIII. Safety Technology (ST)	<ul style="list-style-type: none"> Mechanical Safety Electrical Safety Chemical Safety Construction Safety Ergonomics/System Safety 	<ul style="list-style-type: none"> Traffic Safety Stability Policy Disaster Safety Risk Management Nuclear Safety
IX. Culture Convergence (CC)	<ul style="list-style-type: none"> Humanities Convergence Creative Art Social Politics Culture Tourism 	<ul style="list-style-type: none"> Health and Welfare Administrative Affairs Education and Learning Multi-culture Convergence
X. Technology Convergence (TC)	<ul style="list-style-type: none"> Culture Technology Convergence Creative Future Science Traditional Industry Bio Environment Construction Environment 	<ul style="list-style-type: none"> Industrial Engineering Information and Communication Internet Convergence Smart Industry -Management of Technology

IMPORTANT DATES

- **Session & Workshop Proposal** **September 12 (Thu.), 2024**
- **Papers Submission Deadline** **October 18 (Fri.), 2024**
- **Acceptance Notification (via email)** **October 23 (Wed.), 2024**
- **Registration for Conference Attendance** **October 31 (Thu.), 2024**

JOURNAL PUBLICATION

- Accepted papers (AACL) can be downloaded from ISAAC 2024 Homepage.
- Extended versions of selected papers will be invited for recommendation to
 - ▶ SCOPUS or SCIE indexed journals
 - ▶ JIIBC & IJASC & IJIBC, KCI-indexed journals (publisher: IIBC)
 - ▶ IJACT & JCCT, KCI-indexed journals (publisher: IPACT)
- JIIBC (<http://www.iibc.kr/>)The Journal of The Institute of Internet, Broadcasting and Communication
- IJIBC(www.ijibc.org) International Journal of Internet, Broadcasting and Communication
- IJASC (www.ijasc.org) International Journal of Advanced Smart Convergence
- IJACT (www.ijact.kr) International Journal of Advanced Culture Technology
- JCCT (www.iccthome.org) The Journal of the Convergence on Culture Technology
- ▶ If requested, papers can be published in IIBC & IPACT journals: IJASC, IJIBC and IJACT at FREE OF CHARGE.

BEST PAPER AWARDS

ISAAC 2024 will present the Best Paper Awards to the authors of selected outstanding papers.

PAPER SUBMISSION

We would like to invite you to submit complete and original unpublished Summary version & Journal version regarding your paper in English, which are not under review in any other conferences or journals. Detailed formatting and submission instructions will be available on the conference web site; <http://eng.iibc.kr/iconf/isaac2024/sub04.php>

JOINT CONFERENCES

ICACT 2024(International Conference on Advanced Culture&Technology) hosted by IPACT
 ICKAI 2024 (International Conference on Knowledge based Artificial Intelligence) hosted by Knowledge Forest

ISAAC SECRETARIAT

E. iibc@iibc.kr T. +82-2-407-7718
 E. ipact@ipact.kr T. +82-2-409-7718
 H. <http://eng.iibc.kr/iconf/isaac2024/>

Hosted by:

Co-Hosted by:

Supported by (Public Institution):

