ICACTE 2025

The 18th International Conference on Advanced Computer Theory and Engineering

Nanjing, China | September 26-28, 2025

http://www.icacte.org/

The 18th International Conference on Advanced Computer Theory and Engineering (ICACTE 2025) is scheduled to take place in Nanjing, China during September 26-28, 2025. Since its inception in 2008, ICACTE has been held in various locations across the globe, including Germany, Singapore, South Korea, and China. Each edition attracts participants from all over the world, providing them with an opportunity to collaborate and network.

Co-sponsored by IEEE, Nanjing Xiaozhuang University, China, China Metaverse Technology and Application Innovation Platform, China and Tongling University, China, hosted by School of Information Engineering, School of Artificial Intelligence, Nanjing Xiaozhuang University, China, Jiangsu Provincial Key Laboratory of Culture and Tourism for Research on the Application Technology of Metaverse Cultural Tourism Scenarios, China; assisted by Jiangsu Provincial Engineering Research Center for Metaverse, China, Nanjing University of Information Science and Technology, China and Anhui Jianzhu University, China.

ICACTE 2025 aims to bring together researchers, engineers, and industry experts to share their latest research findings and innovative ideas in the field of computer theory and engineering. The conference will cover a wide range of topics, including computer networks, data mining and analysis, software engineering, artificial intelligence, computer graphics, and many others.

ICACTE 2025 is included in IEEE event list! (https://conferences.ieee.org/conferences_events/conferences/conferencedetails/66284)

Call For paper

Topics of interest for submission include, but are not limited to:

Track 1. Artificial Intelligence and Machine Learning
- Artificial intelligence
- Computational intelligence
- Machine learning
- Pattern recognition

Track 2. Computer Systems and Networks
- Computer architecture and embedded systems
- Data communications
- Distributed systems
- Reconfigurable computing systems

Track 3. Data Science and Applications
- Bioinformatics and scientific computing
- Database systems
- Digital signal and image processing
- Natural language processing

Track 4. Human-Computer Interaction and Multimedia
- Computer-based education
- Computer graphics and multimedia
- Multimedia applications
- Image processing

Track 5. Software Engineering and Applications
- Compilers and interpreters
- Computing practices and applications
- Programming languages
- Technology in education

Track 6. Quantum Information and Quantum Computing
- Quantum convolutional neural networks
- Quantum reinforcement learning
- Blind quantum computing
- Quantum information comparison

Track 7. Blockchain Technology and Applications
- Fundamentals and technological innovations in blockchain
- Development and security of smart contracts
- Non-fungible tokens (NFTs) and their applications
- Blockchain and digital identity management

Track 8: Emerging Technologies
- Biomedical engineering
- Control systems
- Robotics and automation
- Wireless communication and mobile computing

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Publication

Submitted papers will be peer reviewed by program committees and technical committee, and accepted papers will be published into conference proceedings by IEEE after registration and presentation. The proceedings will be submitted for inclusion into **IEEE Xplore** and indexed **by Ei Compendex & Scopus.**
ICACTE 2020-ICACTE 2024 conference proceedings have been indexed by EI Compendex and Scopus.

Submission

Submission Requirements
1). Language
English is the official language of the conference; the paper should be written and presented only in English.
2). Submission Types
Abstract submission for presentation only without publication.
Full paper submission for both presentation and publication.
3). Paper Length
Each full paper should be no less than 4 pages, including all figures, tables, and references. If the length of the full paper exceeds 6 pages, the cost of each extra page is 60 USD / 400 RMB / page.

Submission Methods
Submit your paper to Online Submission System: http://confsys.iconf.org/submission/icacte2025
Send your paper to email box: icacte@bmail.org

Important Dates

Submission Deadline	April 20, 2025
Notification Deadline	May 20, 2025
Registration Deadline	June 5, 2025

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