

# 2027 International Conference on Artificial Intelligence for Engineering Systems (ICAIES 2027)

Rio de Janeiro, Brazil | March 5-7, 2027

<https://www.icaies.org/>

2027 International Conference on Artificial Intelligence for Engineering Systems (ICAIES) will be held in Rio de Janeiro, Brazil, March 5-7, 2027.

As an international academic conference focusing on the intersection of AI and engineering systems, it serves as a key platform for global researchers, engineers, industry professionals and policymakers to exchange insights, share innovative achievements and explore cooperation in AI-driven engineering. Covering core topics like AI-assisted engineering and intelligent test generation, it offers keynote speeches, invited talks, and technical sessions by renowned experts.

ICAIES 2027 is dedicated to promoting interdisciplinary cooperation and advancing intelligent engineering systems globally.



## CALL FOR PAPERS

Authors are invited to submit full papers describing original research work in areas including, but not limited to:

### TRACK 1: Artificial Intelligence and Intelligent Systems

Artificial Intelligence and Intelligent Systems  
Cognitive Systems and Intelligent Decision-Making Systems  
Intelligent Information Systems  
Intelligent Information Processing  
Expert Systems  
Industrial Engineering and Operations Research  
Internet of Things (IoT) and Smart Cities  
Cloud Computing and Big Data Analytics  
Text Analysis and Mining  
Embedded and Real-Time Systems  
Multi-Agent Systems

### TRACK 2: Computational Intelligence

Evolutionary Algorithms and Swarm Intelligence  
Neural Networks and Deep Learning  
Fuzzy Logic and Fuzzy Control  
Reinforcement Learning  
Pattern Recognition and Classification  
Computational Optimization  
Hybrid Intelligent Systems

### TRACK 3: Machine Vision and Image Processing

Image Processing; Computer Vision  
Image Analysis  
Signal Processing and Pattern Recognition  
Video Analysis and Processing  
Biometric Recognition

### TRACK 4: Robotics and Control Systems

Robotics and Automation  
Robotics Innovations  
Intelligent Control and Autonomous Systems  
Sensors and Actuators  
Human-Robot Interaction  
Collaborative Robotics

### TRACK 5: Other Engineering Applications

AI for Efficiency Improvement  
Innovative Applications of Intelligent Systems in Engineering  
Industry 4.0 and Smart Manufacturing  
Intelligent Sensing and Measurement

## Conference Proceedings

All submissions will be sent for double-blind review. Accepted papers with registration and presentation will be published in Conference Proceedings, and submitted for indexing by **Scopus** and **Ei Compindex**.

## SUBMISSION

Full papers and abstracts are welcome.

### Full Paper

The manuscript in double-column format should have at least 4 full pages and up to 10 pages. If it exceeds 5 pages, the extra page(s) will be charged. Manuscripts must be written in English and follow the instructions at Manuscript Formatting and Templates.

To ensure the high quality of the accepted papers, all submissions will be peer-reviewed. Authors who submit manuscripts to the conference proceedings: confirm that the content of the manuscript is original. In addition, authorship of a submission also implies that the manuscript has not been previously published in any language, in whole or in part, and is not currently submitted for publication elsewhere.

### Abstracts

Abstract submissions are also acceptable from authors who only wish to present their work and do not intend to publish it.

### Reviewing Procedure

- 1) The paper selection will follow a double-blind review process, meaning that both authors and reviewers will remain anonymous during the paper selection process.
- 2) Submitted manuscripts will undergo an initial screening by plagiarism checker.
- 3) Submitted manuscripts will be reviewed by Scientific Technical Committee that in the field of the manuscript.
- 4) Submissions are rated by the committee members based on (i) originality (ii) design novelty (iii) advancement within the field and (iv) technical quality. Authors should provide clear evidence of what is novel in their work and/or the extent to which it advances the state-of-the-art. Since many submissions excel in either novelty or advancement, these two criteria are weighted equally. A high level of technical quality and clarity is a requirement for all submissions.

## Submission Method

Electronic Submission System:

<https://www.zmeeting.org/submission/icaies2027>

If you have any questions during submission, please feel free to contact us

via [icaiesconf@163.com](mailto:icaiesconf@163.com).

## Important Dates

Submission Deadline: September 30, 2026

Notification Date: October 30, 2026

Registration Deadline: November 15, 2026

Conference Dates: March 5-7, 2027

## CONTACT

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