# ICGEC-2025 CALL FOR PAPER

## The 17th International Conference Genetic and Evolutionary Computing

**December 18-19, 2025**
**Yango University, Fuzhou, China**

**December 22-23, 2025**
**Nanyang Institute of Technology, Nanyang, China**

## Chairs

**Honorary Chairs**
- Jeng-Shyang Pan, Nanjing University of Information Science & Technology, China

**Advisory Committee Chairs**
- Shen Yin, Norwegian University of Science and Technology, Norway
- Giancarlo Fortino, University of Calabria, Italy

**Conference Chairs**
- Xinhua Jiang, Yango University, China,
- Haoshan Hao, Nanyang Institute of Technology, China
- Jerry Chun-Wei Lin, Silesian University of Technology, Poland

**Program Committee Chairs**
- Xinyu Da, Yango University, China
- Liming Liu, Nanyang Institute of Technology, China
- Xingsi Xue, Fujian University of Technology, China
- Thi Thi Zin, University of Miyazaki, Japan

**Publication Chairs**
- Lingda Chi, Yango University, China
- Pei Hu, Nanyang Institute of Technology, China
- Shu-Chuan Chu
  Nanjing University of Information Science and Technology, China

**Invited Session Chairs**
- Tien-Wen Sung, Fujian University of Technology, China
- Pei Hu, Nanyang Institute of Technology, China
- Zheng Zhang, Nanyang Institute of Technology, China

**Local Organizing Chairs**
- Chengli Luo, Yango University, China
- Yanling Shao, Nanyang Institute of Technology, China

**Finance Chairs**
- Chen Zhong, Yango University, China

## Conference Venue

**Yango University**
No.99,Denglong Road, Economic and Technological Development Zones, Fuzhou City, Fujian Province, China

**Nanyang Institute of Technology**
No. 80, Changjiang Road, Nanyang City, Henan Province, China

## Contact Us

- Email: hupei@nyist.edu.cn, zhangzheng@nyist.edu.cn
- URL: To Be Announced.

We invite submissions of original research papers for the conference tracks.
Topics of interest include, but not to limited to:

**Genetic Computing**
- Genetic Algorithm & Programming
- Genetics-based Machine Learning and Learning Classifier Systems
- Genetic programming performance and behavior
- Hybrid architectures including genetic programming component

**Grid Computing**
- Grid Management and Task Schedule
- Grid Trust and Security
- Distributed and Parallel Computing
- Distributed Intelligent Processing
- Peer-to-Peer Architecture
- Big Data Analysis and Computing

**Intersection of Medical Technology, AI, IOT, and Big Data Analysis in Healthcare**
- Artificial Intelligence theory and practice
- Medical technologies and applications
- Integration of Internet of Things (IoT) and applications
- IoT-enabled medical devices for remote patient monitoring
- Big Data Analytics for Healthcare

**Evolutionary Computing in DX**
- Swarm Intelligence and Optimization
- Artificial Intelligence and Decision Support Systems
- Information Fusion and Data mining
- Intelligent Database Systems
- Evolutionary Design and Application
- Evolutionary of tree or graph structures
- Evolutionary Combinational and Multiobjective Optimization
- Evolutionary Strategies, Programming
- Evolutionary Scheduling and Routing
- Bio-informatics, Computational Biology

**Image Processing and Computer Vision**
- Image and Video Analysis
- Pattern Recognition, Deep Learning
- Robot Vision and Action Recognition
- Novel Image Feature Extraction
- Image Understanding and Analysis
- Image Segmentation and Classification
- Biometric Authentication System
- Face and Gesture Recognition System
- Gait Recognition System
- Vision-based Monitoring System
- Multimedia and Applications

## Publication

The conference proceedings will be published in the book series of Lecture Notes in Electrical Engineering by Springer. Normally, papers in this series areindexed by EI and Scopus. The excellent papers presented in ICGEC 2025 will be recommended to some SCI and EI indexed journals.

## Paper Submissions

For detailed paper format and submission instructions, please visit the conference website: To Be Announced.

## Important Dates

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| Paper submission deadline: | August 30, 2025 (Final Extension) |
| Invited session application deadline: | September 30, 2025 (Final Extension) |
| Acceptance notification: | October 20, 2025 |
| Camera-ready papers due: | November 15, 2025 |