

Call for Papers

2026 International Conference on Evolutionary Intelligence and Cybernetics (EIC 2026) is one of the flagship conferences in intelligent computing and automation, will be held during November 6-9, 2026 in Beijing, China. It aims to serve as a leading platform for academic exchange and collaboration in this rapidly evolving field. The conference aims to build a high-quality platform for discussing the latest achievements in evolutionary intelligence and cybernetics. The event is jointly sponsored by International Association of Swarm and Evolutionary Intelligence, IEEE Computational Intelligence Society Beijing Chapter, State Key Laboratory of Virtual Reality Technology and Systems, Technical Committee on Guidance, Navigation and Control, Chinese Society of Aeronautics and Astronautics, Organized by Beihang University, National Key Laboratory of Aircraft Integrated Flight Control, and technically sponsored by IEEE Computational Intelligence Society Zhengzhou Chapter, IEEE Systems, Man, and Cybernetics Society Chengdu Chapter, IEEE Control System Society Nanjing Chapter, Springer Nature, MIIT Key Laboratory of Visual Computing and Human-Machine Intelligence.

Evolutionary intelligence provides self-learning capabilities for solving complex real-world problems using biologically inspired algorithms and models. Cybernetics focuses on control and communication in animals and machines. Together, they offer innovative solutions for optimization, robotic control, machine learning, and industrial applications.

EIC 2026 encourages the sharing of cutting-edge advancements and engages global experts to explore innovative endeavors in self-evolving architectures and autonomous systems.

Topics :

The current topics of interest including, but not limited to :

Evolutionary Intelligence

- Bioinformatics and computational biology
- Combinatorial Evolutionary Optimization Algorithms
- Constrained Evolutionary Optimization Algorithms
- Dynamic Evolutionary Optimization Algorithms
- Emerging Evolutionary Computation Algorithms
- Evolutionary Computation Algorithms: GA/PSO/PIO/ACO/BSO/FA/MC...
- Evolutionary Computation Application
- Evolutionary Computation for Education
- Evolutionary Learning
- Evolutionary Machine Learning
- Evolutionary Neural Network
- Evolving Fuzzy System
- Hardware/Software for Evolutionary Computation
- Large Model-Guided Evolution Computation
- Multi-Objective Evolutionary Optimization Algorithms: MOEA/MaOP...
- Swarm Intelligence Optimization Theories

Cybernetics

- Artificial Intelligence Security
- Automatic control
- Brain-machine Interfaces
- Control Theory and Control Engineering
- Cyber-Physical Systems
- Detection Technology and Automation Equipment
- Digital Twin
- Evolutionary Control
- Fuzzy Control System
- Games
- Guidance, Navigation and Control
- Image Processing
- Industry Applications
- Intelligent Manufacturing
- Internet of Things
- Knowledge Discovery, Learning, Reasoning and Representation
- Large Language Models
- Multi-Agent Systems
- Nonlinear Control
- Pattern Recognition and Intelligent Systems
- Network and System Security
- Neural Network Control
- Robotic manipulator
- Robust Control
- Swarm Cooperation
- Systems Engineering
- Unmanned Systems: UAV/UGV/USV/UUV...
- Virtual/Augmented Reality
- Virtual Swarms
- Emerging Related topics

Call for Special Sessions

As an important supplement to the regular sessions of the 2026 International Conference on Evolutionary Intelligence and Cybernetics (EIC 2026), Special Sessions aim to enrich the dimensions of academic exchange at the conference and expand interdisciplinary frontier communication.

Potential organizers from home and abroad are required to submit the special session information through the submission system, including:

- English title of the special session
- Names, affiliations and email addresses of the organizers
- Intended author list for paper submission (>8 papers)

Submission Website for Special Sessions: <https://cms.amss.ac.cn>

Deadline for Special Session Proposals: **August 15, 2026**

Publication

Papers presented at EIC 2026 will be published by Springer-Nature in Lecture Notes in Computer Science (LNCS), indexed by EI Compendex

Key Dates:

Submission Deadline: **August 30, 2026**

Notification of Acceptance: **September 21, 2026**

Final Paper Submission: **October 11, 2026**

Registration Deadline: **October 11, 2026**

Contact us

Miss Mia / Jane

E-mail: info@eicyber.org

Phone: +86 131 6191 9538

+86 130 2009 3071

<https://www.eicyber.org>



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