# The 2026 International Conference on Artificial Life and Robotics (ICAROB2026)
## 31st AROB Anniversary

## Call for Papers

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**Conference Site**
(B-Con Plaza, Beppu, Oita, Japan)

A bird's-eye view of B-Con Plaza

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or https://alife-robotics.org/

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**Usa Shrine** (Before BC era three goddesses "Shikitusima-himemikoto, Hasizu-himemikoto, Tag iri-himemikoto descended on the earth of Usa from heaven.) The shrine is called Total Motomiya Hachiman Shrine Usa located in Oita Prefecture.

## The 2026 International Conference on Artificial Life and Robotics

### Beppu, Oita, Japan, January 29 - February 1, 2026

**The 2026 International Conference on Artificial Life and Robotics (ICAROB2026)** will be held at **B-Con Plaza from January 29 to February 1, 2026.** The conference will also offer remote synchronous participation via Zoom videoconferencing software. This Conference will provide new development of modern research associated with computer simulations, hardware designs, and networking of state-of-the-art technologies to participants, and share findings of advancements in robotics, networking, complexity systems and artificial life technologies including artificial intelligence, virtual reality, and computer science. The topics of new research and applications in various fields listed as below.

### Topics of interest include, but not limited to

- Analysis of randomized algorithms
- Artificial nervous systems for robots
- Artificial living
- Bipedal robot
- Bio-inspired immune system
- Cognitive science
- Evolutionary computations
- Intelligent control
- Medical surgical robot
- Computational Molecular biology
- Nano-robotics
- Neuroscience
- Neuro-computer
- Neuromorphic systems
- Reinforcement learning system & genetic programing
- Software development support method
- System cybernetics
- Foundation of computation and its application
- Unmanned aerial systems technologies

- Artificial sciences
- Artificial mind research
- Brain science and computing
- Artificial intelligence & complexity
- adaptive behavior and metabolism
- Data mining
- Fuzzy control
- Human-welfare robotics
- Micro-machines
- Multi-agent systems
- Networking
- Pattern recognition
- Virtual reality
- Environment navigation and localization
- Facial expression analysis, music recommendation and augmented reality
- Applications in Kansei engineering
- Unmanned aero vehicles
- Unmanned aerial systems designing, controls and navigation

- Intelligence in biological systems
- Agent-based software
- Chaos
- Computer graphics
- DNA computing
- Genetic algorithms
- Image processing
- Management of technology
- Insect-like aero vehicles
- Nano-biology
- Neural circuits
- Unmanned underwater vehicles
- Quantum computing
- Robotics
- Visualization
- Disasters robotics
- Empirical research on network and MOT
- Others

### Important Dates

· **Deadline for PS, IS, OS, GS, Poster S, TS abstract proposal submission:** **November 10, 2025**
· **Deadline for Final early bird registration:** **November 10, 2025**
· **Notification of acceptance/rejection:** **November 14, 2025**
· **Deadline for final paper submission:** **December 1, 2025: (We don't accept papers after deadline.)**
**Notice: OS (Organized Session), GS (General Session), PS (Poster Session), IS (Invited Session), TS (Tutorial Session)**

### Publication

All conference submissions will undergo double-blind peer review by three members of the international program committee. All submissions must strictly follow the submission guidelines available on the conference webpage. **Accepted papers will be published in the Proceedings of the ICAROB Series indexed by** Scopus **and** CPCI-Web of Science**. Extended versions of the selected papers will be published in the** international journals of *Robotics, Networking and Artificial Life* (JRNAL) *indexed by* ESCI & Scopus **published by** Sugisaka Masanori **and** *Advances in Artificial Life Robotics* (JAALR to be expected soon indexed by Scopus) published by Sugisaka Masanori & Takao Ito. **Please submit papers to ICAROB Office** (Email address: icarob@alife-robotics.co.jp**,** Website: https://alife-robotics.co.jp/)**.**

## Registration Fee

**Registration fee ¥55,000 (50,000 for early birds) and ¥30,000 for Students (¥25,000 for early birds):**

**Organized by**
International Steering Committee of International Conference on Artificial Life and Robotics (ICAROB)

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