



The International Conference on Artificial Life and Robotics 2015 (ICAROB 2015) (20th AROB Anniversary)

1st Call For Papers

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Conference Site



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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 International Conference on Artificial Life and Robotics (ICAROB)

January 10-January 12, 2015
Horuto Hall, OITA, JAPAN

The International Conference on Artificial Life and Robotics (ICAROB 2015) will be held at HorutoHall, OITA, JAPAN, January 10–12, 2015. This Conference will provide new development of modern technologies concerning *Robotics, Networking and Artificial Life* associated with computer simulations, hardware designs, and networking of state-of-the-art technologies to researchers, and to share findings on how advancements in robotics, networking, complexity and artificial life technologies that relate to inter-disciplinary approach to the field such as artificial intelligence, virtual reality, and computer science are creating the basis for exciting new research and applications in various fields listed in the following topics. **Please submit papers to ICAROB 2015 Web Site from <http://alife-robotics.co.jp/>.**

Topics of interest include, but are not limited to

- Analysis of randomized algorithms
- Artificial nervous systems for robots
- Artificial living
- Bipedal robot
- Cognitive science
- Evolutionary computations
- Intelligent control
- Medical surgical robot
- Computational Molecular biology
- Nano-robotics
- Neuroscience
- Neuro-computer
- Neuromorphic systems
- Reinforcement learning system & genetic programming
- Software development support method
- System cybernetics
- Foundation of computation and its application
- Unmanned aerial systems technologies
- Unmanned aerial systems designing, controls and navigation
- 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
- logistics and supply chain management
- 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 etc.)

Important Dates

• **10/30, 2014**

[Review Form of Abstract Submission for Organized Session](#) [Review Form of Abstract Submission for General Session](#)

• **11/15, 2014**

Letter of Acceptance

• **11/18, 2014**

[Tour Please check full and half](#) [Registration fee](#) [ICAROB copyright form](#) [Brief bio for session chair](#) [Checklist](#)
[Instruction for the preparation of manuscripts](#)

• **11 30, 2014**

[ICAROB paper form](#)

Publication

Accepted papers will be published in the Proceedings of the ICAROB. Extended versions of the selected papers will be published in the international journal : *Robotics, Networking and Artificial Life* (indexed by SCOPUS) (<http://www.atlantis-press.com/publications/irnal/>) published from **Atlantis Press** and sent to **THOMSON REUTERS** directly and an international E-Journal

Registration Fee

Registration fee ¥40,000 (¥35,000 for early birds) and ¥15,000 for Students (¥12,500 for early birds) including Banquet Fee

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Supported by

IEEE Fukuoka Section (Japan)

Co-Organized by

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