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

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

The International Conference on Artificial Life and Robotics (ICAROB) will be held at Horuto Hall, 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 neural 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, control 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 aerospace 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
- Neuro-circuits
- Unmanned underwater vehicles
- Quantum computing
- Robotics
- Visualization
- Disaster robots
- Empirical research on network and MOT
- (Others etc.)

Important Dates

- 10/30, 2014
  Review From of Abstract Submission for Organized Session
  Review From 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
- 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/jnl/)

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

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

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IEEE Fukuo Section (Japan)

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