



The 2017 International Conference on Artificial Life and Robotics

(ICAROB 2017)

22nd AROB Anniversary

1st Call for Papers

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Conference Site will be announced soon

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The **History of the Forbidden City** begins in the 15th century when it was built as the palace of the Ming emperors of China. It is located in the center of Beijing, China, and was the Chinese imperial palace from the mid-Ming Dynasty to the end of the Qing Dynasty in 1912.



The 2017 International Conference on Artificial Life and Robotics

Conference Date will be soon announced, 2017
Conference Site will be announced soon, Beijing, China

The **2017 International Conference on Artificial Life and Robotics (ICAROB 2017)** will be held at Conference Site which will be announced soon from May to August in 2017. 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 interdisciplinary 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 2017 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
- 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

- **Date is not yet decided, 2016**
 - **Date is not yet decided, 2016**
- Abstract submission due date
OS,GS,PS and Tutorial Session proposal submission due date
Final early bird registration due date
Notification of acceptance date
Final paper submission due date
- OS: Organized Session, GS: General Session, PS: Poster Session

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** (will be indexed by SCI, EI and SCOPUS) (<http://www.atlantis-press.com/publications/jrnal/>) published by **Atlantis Press**.

Registration Fee

Registration fee ¥55,000 (¥50,000 for early birds) and ¥30,000 for Students (¥25,000 for early birds) not including Banquet Fee Banquet Fee (¥8,000)

Organized by

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

Technical co-sponsored by

IEEE Robotics and Automation Society (USA)
IEEE Fukuoka Section (Japan)

Co-Organized by

Chinese Association for Artificial Intelligence (CAAI, P. R. China)

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