



The 2022 International Conference on Artificial Life and Robotics (ICAROB2022)

27th AROB Anniversary

Call for Papers

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Conference Site(not yet decided, soon, announced)



ICAROB Office

Mobile: +81-80-8565-8256
email: icarob@alife-robotics.co.jp
web: <https://alife-robotics.co.jp/>



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 2022 International Conference on Artificial Life and Robotics

January 20 to 23, 2022

The 2022 International Conference on Artificial Life and Robotics (ICAROB2022) will be held from January 20 to 23, 2022 at on line or some city (not yet decided) in Japan. I've watching the coronavirus infection, but I still don't understand. In addition, foreign countries prohibit travel. Instead, ICAROB2022 conference will be held on line (software is Zoom) or some city in Japan. A series of Proceedings of ICAROB are included in both CPCI-Web of Science and Scopus. This Conference will provide new development of modern technologies concerning *Robotics, Networking and Artificial Life* (this journal is included in ESCI & Scopus) & *Advances in Artificial Life Robotics* (to be soon indexed by SCI-E) 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 ICAROB2022 Office(email. website: <https://alife-robotics.co.jp/>)

but are 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 programming
- 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
- 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 etc.)



Fukuoka Section



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Important Dates

- **November 25, 2021:** PS, IS, OS, GS, Poster S, TS abstract proposal submission deadline
 - **November 25, 2021:** Final early bird registration deadline
 - **November 28, 2021:** Letter of Acceptance deadline
 - **December 15, 2021: (we don't accept papers after deadline): Final paper submission deadline**
- OS: Organized Session, GS: General Session, PS: Poster Session, IS: Invited Session, TS: Tutorial Session

Publication

Accepted papers will be published in the Proceedings of the ICAROB Series that was included in Scopus and CPCI-Web of Science. Extended versions of the selected papers will be published in the international journal : *Robotics, Networking and Artificial Life* (JRNAL became ESCI & Scopus journal) published by Atlantis Press & *Advances in Artificial Life Robotics* (JAALR to be soon indexed by SCI-E) published by AROB Jimukyoku.

Registration Fee

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

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

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