The Twenty-Seventh International Symposium on Artificial Life and Robotics will be held in Beppu, Oita, Japan, January 25-27, 2022. This symposium will bring together researchers to discuss development of new technologies concerning artificial life and robotics based on computer simulations and hardware designs of state-of-the-art technologies, and to share findings on how advancements in artificial life and robotics technologies that relate to 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:

Topics of interest include, but are not limited to:

- Agent-based modelling
- Artificial brain
- Artificial intelligence
- Artificial life
- Artificial living
- Artificial mind
- Bio-robot
- Biocomplexity
- Bioinformatics
- Biological evolution
- Biomedical imaging
- Brain science
- Chaos
- Cognitive science
- Complexity
- Control techniques
- Data mining
- DNA computing
- Evolutionary computations (Genetic algorithm)
- Genome/Omics medicine
- Human-machine interaction and collaboration
- Identification and Estimation
- Intelligent control
- Learning (Phenotypic plasticity)
- Machine Learning
- Manipulator
- Medical informatics
- Mobile robots
- Molecular biology
- Molecular network
- Motion planning and navigation
- Multi-agent systems
- Nano-biology
- Nano-robot
- Neural networks
- Neurocomputing technologies and its application for hardware
- Quantum computing
- Regenerative medicine
- Robot vision and image processing
- Robotic Mechanism
- Sensor and multi-sensor data fusion
- Swarm intelligence
- Swarm robot
- Tele-operation
- Walking robot

Important Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract Submission Deadline</td>
<td>October 28, 2021</td>
</tr>
<tr>
<td>OS Proposal Deadline</td>
<td>October 21, 2021</td>
</tr>
<tr>
<td>Notification of Acceptance</td>
<td>November 9, 2021</td>
</tr>
<tr>
<td>Paper Submission Deadline</td>
<td>December 23, 2021</td>
</tr>
<tr>
<td>Early Registration Deadline</td>
<td>December 23, 2021</td>
</tr>
<tr>
<td>Registration Deadline for Presenters</td>
<td>December 23, 2021</td>
</tr>
</tbody>
</table>

Publication

Accepted papers will be published in the Proceedings of the AROB. Extended versions of the selected papers will be published in the international journal: ARTIFICIAL LIFE AND ROBOTICS, Springer Japan.

Get more information from
https://isarob.org/symposium/
Beppu Onsen Guide

Beppu is one of the oldest and most famous hot spring areas in Japan. The city is divided into eight major hot spring areas known as Beppu Hattō (別府八湯).

Beppu Onsen
Close to Beppu Station in the center of town. Beppu Onsen is the most popular area in Beppu.

Ekimae-Kotō Onsen
Two-minute walk from the station.

Takegawara Onsen
Originally built in 1879. Located a short Seven-minute walk from the station. A bamboo thatched roof and elaborate facade is a symbol of Beppu Onsen.

Myoban Onsen
Located on the hill facing Beppu Bay. Visitors enjoy several types of thermals such as mud bath or milky water bath accompanied by a distinctive sulphuric odor. Bath salt called “yunohana” is continuously being made at the thatched Yunohana Goya.

Beppu Jigoku Meguri
Beppu Jigoku Meguri, literally means “The Hell Tour of Beppu”, is the trip that visits the eight interesting hot springs in Beppu.
Six of the eight “Jigoku” are located in Kannawa Area and the others in Kamegawa Area.