

RITA 2021

Robotics for the New Normal

Call for Papers

Welcome to

the 9th International Conference on Robot Intelligence Technology and Applications, RITA 2021, to be held on December 16-17, 2021 at KAIST in Daejeon, Korea. It will be a hybrid conference with both physical presence and virtual access. RITA Conference highlights robot intelligence technology and brings together researchers to share their recent results, and helps to form a strong community of professionals. In 2020 we have faced the global disaster of the COVID-19 pandemic, along with other natural calamities and human sufferings. As robotics researchers, students and practitioners, we are challenged by these events to continue to make technical progress and contribute to a better world. Preparing for the post COVID-19 world, we will move forward to a better life by making the most of robot technologies. Under the conference theme, "Robotics for the New Normal", we seek to bring hope and excitement to people by showing the way forward with technologies that will bring us more pleasure and conveniences. This conference will serve as a showcase, virtually or physically, for any new and experimental technologies.

Conference Scope

RITA embraces a broad range of fundamental technologies related to robotics and computational intelligence, including the following topics, but not limited to:

- Machine learning
- Artificial intelligence
- Decision making
- Reasoning and inference
- Perception
- Navigation and SLAM
- Dynamics and control
- Human-robot interaction
- Manipulation
- Swarm and multi-robot systems
- Optimization in robotics
- HW/SW for robot computing

Important Dates

- ~~Aug 31~~ => **Sep 25: Firm Deadline of Paper Submission**
- ~~Sep 30~~ => **Oct 25: Notification of Acceptance**
- ~~Oct 31~~ => **Nov 10: Final Manuscript Submission due**

Submission and Publication

The organizers seek original, novel and innovative papers containing experimental results and theories. Papers addressing topics above related to the conference themes should be submitted electronically via PaperPlaza in the format and length indicated on the website. You can submit a video as supplementary materials along with your manuscript. Contributed papers will be in the peer review process. All accepted and presented papers will be published in the Lecture Notes in Networks and Systems of Springer, which is indexed by SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago.

Hybrid Conference

We hope everyone can get the COVID-19 vaccine as soon as possible and travel the world freely again. However, despite the lifting of travel restrictions this year and the start of gatherings, online meetings will remain after COVID-19. We plan to provide participants with the option of choosing physical presence and virtual access.

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