IEEE ISORC 2022

Västerås, Sweden
May 17-18, 2022

The 25th International Symposium On Real-Time Distributed Computing

CALL FOR PAPERS

Organizing Committee

IEEE ISORC 2022

ISORC has become established as the leading event devoted to state-of-the-art research in the field of object/component/service-oriented real-time distributed computing (ORC) technology. Celebrating the 25th anniversary since its foundation in 1998, ISORC continues the trend of providing an international forum for researchers and industry experts to exchange and share their experiences, ideas, latest research results on all aspects of ORC technology. Following the previous years' experience, ISORC will continue to employ the double-blind review process and a rebuttal phase this year.

10 best selected papers based on the review process will be invited to submit extended versions to the special issue of the Journal of Systems Architecture (JSA) on Real-Time Distributed Computing.

Topics

IEEE ISORC 2022 invites high-quality papers on all aspects of ORC technology, including, but not limited to:

- *Real-Time Distributed Computing*
- *Cloud/Edge/Fog Computing*
- *Internet of Things (IoT)*
- *Real-Time Scheduling Theory*
- *Real-Time Networks*
- *Resilient Cyber-Physical Systems*
- *Self-Aware Computing Systems*
- *Energy-Efficient Systems*
- *Autonomous Systems (e.g., Autonomous Driving)*
- *Machine Learning for Embedded and Cyber-Physical Systems*
- *Real-Time Deep Learning Inference*
- *Optimization of Time-Sensitive Applications*
- *Operating Systems and Middleware for ORC technology*
- *Security and Privacy for ORC technology*
- *Applications based on ORC technology, for example, medical devices, intelligent transportation systems, industrial automation systems and industry 4.0, smart grids, multimedia processing, and web/mobile applications*

Guidelines for Manuscripts

IEEE ISORC 2022 invites papers in two categories. Submission guidelines for each category of paper are as follows:

Regular Research Papers: Papers should describe original work and be maximum 8 pages in length using the IEEE paper format. A maximum of two extra pages may be purchased.

Short Papers: Short research papers, 4 pages or less using the IEEE format, on real-time analytics are also invited, and should contain enough information for the program committee to understand the scope of the project and evaluate the novelty of the problem or approach. The short papers will be not be published in the IEEE ISORC proceeding.

Double blind: Following the previous years' experience, ISORC will continue to employ the double-blind review process and a rebuttal phase this year.

For more information

More information about IEEE ISORC 2022, including submission guidelines, can be found at: https://isorc2022.github.io/.

Important Dates

Main Track
Submission deadline
February 12, 2022 (extended)
Rebuttal period
March 23-25, 2022
Acceptance notification
April 4, 2022
Camera-ready papers
April 20, 2022