IEEE ISORC 2023

Nashville, Tennessee
May 23-25, 2023

The 26th International Symposium On Real-Time Distributed Computing

CALL FOR PAPERS

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IEEE ISORC 2023

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 26th 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.

Topics

IEEE ISORC 2023 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*
- *Digital Twins for Emerging IoT Applications*
- *Federated learning, TinyML, and Edge AI for Real-Time Control IoT systems*
- *Intelligent Edge, Fog, and Cognitive aspects of IoT beyond 5G*
- *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, digital twins for IoT, smart grids, multimedia processing, and web/mobile applications*

Guidelines for Manuscripts

IEEE ISORC 2023 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 to 6 pages 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.

For more information

More information about IEEE ISORC 2023, including submission guidelines, can be found at: https://isorc.github.io/2023/

Important Dates

Main Track
~~**Submission deadline** January 28, 2023~~
Extended submission deadline: Feb. 18, 2023
Acceptance notification
April 4, 2023
Camera-ready papers
April 20, 2023

Poster/Demo Track
Submission deadline
March 24, 2023
Acceptance notification
April 15, 2023
Camera-ready papers
April 20, 2023

Workshop Session
Submission deadline
March 07, 2023
Acceptance notification
April 07, 2023
Camera-ready papers
April 20, 2023