

**IEEE ISORC 2024**

**Carthage, Tunis, Tunisia**

**May 24-26, 2024**

**The 27th International Symposium**

**On Real-Time Distributed Computing**

**CALL FOR PAPERS**

**IEEE ISORC 2024**

ISORC has been established as the leading event devoted to state-of-the-art research and state-of-the-practice applications in the field of real-time computing. Celebrating the 27th 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.

**Topics**

IEEE ISORC 2024 invites high-quality papers on all aspects of ORC technology, including, but not limited to:

* *Software architectures for real-time distributed computing.*
* *Distributed Real-Time Image, video, and stream Processing:*
* *Distributed computing, storage, and communication infrastructures.*
* *Artificial Intelligence and Machine Learning for Real Time Distributed Computing.*
* *Cybersecurity, and Trust for Distributed Real Time IoT Systems.*
* *Optimization Approaches for Distributed Real Time IoT and CPS and Cloud Computing.*
* *Sustainable and green computing transformation in edge to cloud continuum.*
* *Formal Verification and Model Checking for Distributed Real-Time CPS and Cloud Computing.*
* *Ontology-based Knowledge Modelling for Real-Time Distributed IoT & CPS.*
* *Dependability, Fault tolerance, and Resilience of Distributed Real-Time IoT.*
* *Algorithms for real-time analytics.*
* *Operating systems, Middleware and System software.*
* *Distributed management, monitoring, performance evaluation.*
* *Applications for IoT, CPS, edge-cloud, distributed embedded computing.*

**Guidelines for Manuscripts**

IEEE ISORC 2024 invites papers in the following categories:

* **Regular Research Papers:** Papers should describe original work and be maximum 10 pages, in length using the IEEE paper format. A maximum of two extra pages may be purchased.
* **Industrial Papers and Practitioner Reports:** Papers should be of 10 pages, plus 2 extra purchased pages**.** Papers describing experiences of using ORC technology in application or tool development projects, are an integral part of the technical program of ISORC.
* **Short Papers:** Short research papers, maximum 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.

**Papers are to be submitted through the HotCRP system:** [**https://isorc24.hotcrp.com/**](https://isorc24.hotcrp.com/)

**For more information**

More information about IEEE ISORC 2024, including submission guidelines, can be found at: [isorc.github.io/2024/](http://isorc.github.io/2024/).

Important Dates

**Main Track**

**Submission deadline**

**December 28, 2024**

**Acceptance notification**

**April 05, 2024**

**Camera-ready papers**

**April 20, 2024**

**Poster/Demo Track**

**Submission deadline**

**March 20, 2024**

**Acceptance notification**

**April 24, 2024**

**Camera-ready papers**

**May 05, 2024**

**Organizing Committee**

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