DESCRIPTION

This international journal is directed to researchers, engineers, educators, managers, programmers, and users of computers who have particular interests in parallel processing and/or distributed computing.

The Journal of Parallel and Distributed Computing publishes original research papers and timely review articles on the theory, design, evaluation, and use of parallel and/or distributed computing systems. The journal also features special issues on these topics; again covering the full range from the design to the use of our targeted systems.

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- Theory of parallel and distributed computing
- Parallel algorithms and their implementation
- Innovative computer architectures
- Parallel programming
- Applications, algorithms and platforms for accelerators
- Cloud, edge and fog computing
- Data-intensive platforms and applications
- Parallel processing of graph and irregular applications
- Parallel and distributed programming models
- Software tools and environments for distributed systems
- Algorithms and systems for Internet of Things
- Performance analysis of parallel applications
- Architecture for emerging technologies e.g., novel memory technologies, quantum computing
- Application-specific architectures e.g., accelerator-based and reconfigurable architecture
- Interconnection network, router and network interface architecture

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- Innovative computer architectures
- Parallel programming
- Applications, algorithms and platforms for accelerators
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- Parallel and distributed programming models
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- Algorithms and systems for Internet of Things
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