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IJDPS

International Journal of Distributed and Parallel Systems



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SCOPE OF THE JOURNAL

The growth of Internet and other web technologies requires the development of new algorithms and architectures for parallel and distributed computing. International journal of Distributed and parallel systems is a bi monthly open access peer-reviewed journal aims to publish high quality scientific papers arising from original research and development from the international community in the areas of parallel and distributed systems. IJDPS serves as a platform for engineers and researchers to present new ideas and system technology, with an interactive and friendly, but strongly professional atmosphere.

Topics of interest within the scope of this issue include, but are not limited to, the following areas:

Algorithms and Applications:

- Theory of parallel/distributed computing
- Parallel algorithms and their implementation
- Resource allocation and management
- Task mapping and job scheduling
- Network routing and communication algorithms
- Distributed data and knowledge based systems
- Neural networks
- Super Computing
- Personal Computing
- Pervasive computing
- Heterogeneous Computing
- Image processing and computer graphics
- Database applications and data mining
- Biological/molecular computing

Networking and Architectures:

- Wireless networks and Protocols
- Mobile computing
- Peer to peer networks
- ATM networks
- Optical networks
- Reliability and fault-tolerance
- IP/ATM Networks
- Security
- Interconnection networks
- Computer networks
- Parallel/distributed architectures
- Communication
- multimedia Systems

Software Systems and Technologies:

- Formal methods and programming languages
- Web technologies
- Performance evaluation and measurements
- Tools and environments for software development
- Visualization
- Parallelizing compilers
- Internet computing
- Component-based and OO Technology optimization
- Parallel Processing
- Language, Compilers and Operating systems
- Reliability, Reusability, Scheduling
- Modeling and simulation

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Review Process

Submissions are accepted for review with the understanding that the same work has been neither submitted to, nor published in, another publication. Simultaneous submission to other publications will result in immediate rejection of the paper. Papers are not within the journal scope will be rejected immediately after the pre review process.

All manuscripts will be subject to a well established, fair, unbiased peer review and refereeing procedure, and are considered on the basis of their significance, novelty and usefulness to the Journals readership. The reviewing structure will always ensure the anonymity of the referees & it will be reviewed by 3 experts in the field. The review output will be one of the following decisions:

1. Accept
2. Accept with minor changes
3. Weak Accept with major changes
4. Reject

The review process may take approximately two ~three months to be completed. The Editor reserves the right to reject a paper if it does not meet the aims and scope of the journal, it is not revised well.

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