

# International Journal of Distributed and Parallel systems (IJDPS)

ISSN: 0976-9757[Online]; 2229-3957[Print]



ISSN : 0976 - 9757 ( Online )  
2229 - 3957 ( Print )

## IJDPS

International Journal of Distributed and Parallel Systems



AIRCC Publishing Corporation

<https://airccse.org/journal/ijdp/ijdp.html>

## 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

### **Software Systems and Technologies**

Formal Methods and Programming Languages  
Web Technologies  
Performance Evaluation and Measurements  
Tools and Environments for Software  
Development

Visualization  
Paralleling Compilers  
Internet Computing  
Component-based and OO Technology  
Optimization  
Parallel Processing  
Language, Compilers and Operating Systems  
Reliability, Reusability, Scheduling  
Modeling and Simulation

### **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  
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Parallel/Distributed Architectures  
Communication  
Multimedia Systems

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### Bibliographic Information

ISSN : 2229 – 3957  
e-ISSN : 0976 - 9757  
doi : 10.5121/ijdp



<https://aircse.org/journal/ijdp/ijdp.html>

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