



Special Issue on Parallel & Distributed Computing

Call for Papers

Parallel computing is a type of computation in which many calculations are carried out simultaneously, operating on the principle that large problems can often be divided into smaller ones, which are then solved at the same time. Distributed processing is a setup in which multiple individual central processing units (CPU) work on the same programs, functions or systems to provide more capability for a computer or other device. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Parallel & Distributed Computing**.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Parallel & Distributed Computing**. Potential topics include, but are not limited to:

- Theory of parallel/distributed computing
- Algorithms and implementation
- Shared-memory multiprocessors
- Peer-to-peer systems
- Distributed sensor networks
- Pervasive computing
- Optical computing
- Grid computing
- Fault-tolerant computing
- Software tools and environments
- Languages, compilers, and operating systems
- Applications and performance analysis
- Design of parallel/distributed programs
- Innovative computer architectures

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - *parallel & distributed computing***” should be selected during your submission.



Special Issue Timetable:

Submission Deadline	March 28th, 2016
Publication Date	May 2016

Guest Editor:

For further questions or inquiries, please contact Editorial Assistant at jsea@scirp.org.