



Call for Papers

Special Issue on

Advances in Grid and Peer-to-Peer Communications and Applications

International Journal of Grid and High Performance Computing (IJGHPC)

Editor-in-Chief: Emmanuel Udoh and Frank Wang

Overview

Grid and Peer-to-Peer Computing (GPC) has emerged rapidly as an exciting new paradigm that offers a challenging model of computing and poses fascinating problems regarding distributed resource management, ranging from information sharing to cooperative computing.

This special issue is intended to foster state-of-the-art research in the area of grid and peer-to-peer computing. The published papers are expected to focus on self-organizing architectures, dynamically reconfigurable systems, and novel computational models for cooperative computing, and to present high quality results for tackling problems arising from the ever-growing GPC. This special issue will serve as a landmark source for education, information, and reference to students, professionals, and researchers interested in Grid and Peer-to-Peer Computing.

Topics

Areas of interest for this special issue include the followings:

- Self-Organization and Stability of GPC
- Overlay Architectures and Topologies
- Applications and Services on GPC
- Power-aware P2P Computing
- Results Certification in GPC
- Middleware and Tools for GPC
- Trust Management in GPC
- Data Management on GPC
- Security Issues for GPC
- Performance and Robustness of GPC
- GPC Economics and Business Model

Schedule

For ICPADS'07 & WoGTA'07 Best Papers:

Notification of acceptance as SI candidacy: January 10, 2008

Submission of extended manuscript: March 10, 2008

Notification of acceptance: May 1st, 2008

Submission of final manuscript: June 1st, 2008

Publication date: 4th Quarter, 2008 (Tentative)

For External Submissions:

Submission due date (Direct submission via Guest Editor): March 1st, 2008

Notification of acceptance: May 1st, 2008

Submission of final manuscript: June 1st, 2008

Publication date: 4th Quarter, 2008 (Tentative)

Submission & Review Instruction

Papers, which have appeared previously in proceedings of conferences, could be submitted to this special issue if they are substantially revised or improved from their earlier versions with at least 30% new materials or results to comply with the copyright regulations.

Submissions must be directly sent via email to Guest Editors: chh@chu.edu.tw

Each submitted paper will be reviewed by at least three Editorial reviewers

Criteria and evaluation for acceptance of paper:

- Significance to the journal's audience
- Relevance to this special issue
- Quality of the paper including originality, technical depth, significance of results, adequacy of priori works referenced, overall organization, clarity and readability, and satisfactory English writing

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