

# Call for Papers



*Special Issue on*

*Peer-to-Peer Grid Technologies*

*Future Generation Computer Systems Editor-in-Chief: Peter Sloot*

<http://ees.elsevier.com/fgcs/>

ISSN: 0167-739X

## Overview

Peer-to-Peer Grid (PG) 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 unique, special issue is intended to foster state-of-the-art research in the area of integration of peer-to-peer and grid computing, including the topics of collaboration environment, implementation and execution on real-world PG architecture, and novel applications associated with this new paradigm. The published papers are expected to focus on self-organization architecture, dynamic reconfigurable systems, and novel computational model investigating new approaches for cooperative computing and to present high quality results for tackling problems arising from the ever-growing PG. This special issue will serve as a landmark source for education, information, and reference to students, professionals, and researchers interested in updating their knowledge about or active in Peer-to-Peer and Grid Computing.

## Topics

Areas of interest for this special issue include the following topics:

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

## Schedule

Manuscript due date: August 1st, 2008 First round notification: October 1st, 2008 Submission due date of revised paper: November 15, 2008 Notification of acceptance – Second round: December 15, 2008 Submission of final revised paper: January 15, 2009

## Submission & Review Instruction

Submitted articles must not have been previously published or currently submitted for journal publication elsewhere. Submissions must be directly sent via the FGCS submission web site at <http://ees.elsevier.com/fgcs/login.asp> (please select the track - **SS: P to P Grid Technologies**)

Paper submissions must conform to the layout and format guidelines in Future Generation Computer Systems. For a full and complete Guide for Authors, please refer to: <http://www.elsevier.com/fgcs>

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, satisfactory English writing, sufficient support for assertions and conclusion, appropriate title, abstract adequately summarizes the paper, introduction provides proper orientation, clear tables and figures. -Overall recommendation on the paper
- Optional confidential comments to the Editorial Committee

## Guest Editors

Hai Jin  
School of Computer Science and  
Technology  
Huazhong University of Science  
and Technology  
Email: [hjin@hust.edu.cn](mailto:hjin@hust.edu.cn)  
<http://grid.hust.edu.cn/hjin/>

Ching-Hsien Hsu  
(Corresponding editor)  
Department of Computer Science  
and Information Engineering,  
Chung Hua University, Taiwan  
Email: [chh@chu.edu.tw](mailto:chh@chu.edu.tw)  
<http://www.chu.edu.tw/~chh>

Franck Cappello  
INRIA  
Université Paris Sud, France  
Email: [fci@lri.fr](mailto:fci@lri.fr)  
<http://www.lri.fr/~fci/>