Special Issue Call for Papers

Journal of Supercomputing (Science Citation Index)
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Special Issue on
Intelligent Systems for Future Generation Communications

The ever-growing Future Generation Communications (FGC) provides an Intelligent and Ubiquitous Communication and Network Technology for Tomorrow. That is, the FGC has emerged rapidly as an exciting new paradigm that includes ubiquitous, grid, and peer-to-peer computing to provide computing and communication services at any time and anywhere. In order to realize the advantages of such services, it is important that intelligent systems be suitable for FGC.

This special issue aims to foster the dissemination of high quality research in any new FGC idea, method, theory, technique, and research. The objective of this special issue is to showcase the most recent developments and research in the FGC field, as well as to enhance its state-of-the-art. Original and research articles are solicited in all aspects of FGC including new communication technology, theoretical studies, practical applications, and experimental prototypes for FGC.

Topics
Original contributions, not currently under review to another journal or conference, are solicited in relevant areas including, but not limited to, the following:

- Intelligent systems for FGC
- Performance measures and methods for Intelligent Systems
- Middleware and protocols for intelligent systems
- Context awareness for future generation services
- Mobile / Wearable intelligence for FGC
- Frameworks for integrating AI in FGC
- Intelligent multimedia systems in FGC
- Security Issues for FGC
- Automated and adapted services in FGC
- Intelligent network, ad hoc networking in FGC
- Design and analysis of communication protocols for FGC

Submissions
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, due to copyright issues. Paper submissions must conform to the layout and format guidelines in the Journal of Supercomputing. Instructions for Contributors are in: [http://www.editorialmanager.com/supe/](http://www.editorialmanager.com/supe/)

Schedule
Deadline for paper submission: February 15, 2009
Final decision notification: June 15, 2009
Revision due: July 15, 2009
Publication date: Winter 2009

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