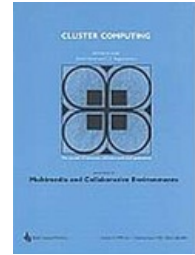


Cluster Computing (Springer)



[Special issue]

Mobile Cloud Computing and Services

Introduction

Mobile Cloud Computing and Services (MCCS) have emerged rapidly as an exciting new computing paradigm including pervasive, grid, and peer-to-peer computing that provides computing and communication services. Tremendous advances in processing, communication and systems/middleware technologies are leading to new paradigms and platforms for computing environments. There have been several issues to realize and provide intelligent services, and much effort and attention have been focused on cloud and grid computing environments. This research area poses many challenges such as virtualization of hardware and software, new systems and tools, middleware technologies, service-oriented architectures and models, security and trustworthiness, autonomous and intelligent management, and applications and framework for MCCS.

Topics

Topics of interest include, but are not limited to:

- Virtualization of hardware and software for MCCS
- New systems and tools for MCCS
- Middleware technologies for MCCS
- Security and trustworthiness for MCCS
- Service-oriented architectures and models for MCCS
- Autonomous and intelligent management for MCCS
- Mobile cloud applications and frameworks for Cloud and Grid Computing
- Semantic technology and ontology modeling for MCCS
- Seamless on-demand service architectures for MCCS
- Monitoring and Evaluation for MCCS
- Applications and Experiences in MCCS

Submission Details

All the papers should be full journal length versions and follow the guidelines set out by Cluster Computing Journal (<http://www.springer.com/computer/communication+networks/journal/10586>). Manuscripts should be submitted online at <http://www.editorialmanager.com/clus> choosing “Mobile Cloud Computing and Services” as article type, no later than June 25, 2012. All the papers will be peer-reviewed following the Cluster Computing Journal reviewing procedures.

Important Dates (Tentative)

Submission of papers: June 25, 2012

Final decision: September 25, 2012

First-round acceptance notification: June 30, 2012

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