

# 2CALL FOR PAPERS

**2nd IEEE International Workshop on  
Internet and Distributed Computing Systems (IDCS'09)**  
*In conjunction with*  
**The 2nd International Conference on Computer Science and its Applications (CSA 2009)**  
December 10-12, 2009, Jeju Island, Korea

IEEE IDCS'09 workshop is the second one in its series to promote research in diverse fields related to Internet and Distributed Computing Systems. The emergence of Web as a ubiquitous platform for innovations has laid the foundation for the rapid growth of the Internet. Side-by-side, the use of mobile and wireless devices such as PDA, laptop, and cell phones for accessing the Internet has paved the ways for related technologies to flourish through recent developments. In addition, the popularity of sensor networks is promoting better integration of the digital world with physical environment. In this workshop, we are interested in receiving innovative papers on emerging technologies related to Internet and distributed systems to support the effective design and efficient implementation of high-performance computer networks. The target audience includes researchers and industry practitioners those are interested in different aspects of the Internet and distributed systems, with a particular focus on the practical experiences with the design and implementation of related technologies as well as their theoretical perspectives.

#### Areas of Interest

The areas of interest are the following (although this list should not be treated as exclusive):

- Advances in Internet architectures and protocols
- Autonomic computing
- Computational economy for distributed systems
- Content delivery networks
- Distributed database systems
- Experimental and measurement results from live networks
- Foundations, theory, modelling of Internet-based systems
- Grid computing
- Interconnection networks and collaborative systems
- Internet-based knowledge engineering
- Internet search technologies
- Network-based applications (VoIP, streaming)
- Network management and traffic engineering
- Peer-to-peer (P2P) and overlay networks
- Resource management, QoS and signaling
- Security in communication networks
- Sensor networks and applications
- Service Oriented Architecture (SOA)-based systems
- Systems design, scalability, reliability and optimization
- Tools and techniques for network measurements
- Wireless, mobile, ad-hoc and vehicular networks

#### Program Chairs

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#### Submission Guidelines

Original papers from the above-mentioned or other related areas will be considered. Please submit full papers: 6 to 8 pages in IEEE Conference Proceedings format (US letter size, available for download here: <http://www.ieee.org/web/publications/pubservices/confpub/AuthorTools/conferenceTemplates.html> ) for submission.

Papers should be submitted electronically (PDF or Postscript) via the workshop Web site at <http://www.gridbus.org/cdn/idcs09/>. Submitted papers may not have appeared in or be under consideration for another workshop, conference or a journal, nor may they be under review or submitted to another forum during the review process. Each submission will be reviewed by at least three members of the International Program Committee.

#### Publication

The Conference Proceedings will be published by IEEE Press (IEEE eXpress Conference Publishing group) and all papers of the proceedings will be included in the IEEE Xplorer™. Extended and revised versions of selected high-quality papers from the workshop are expected to be invited for publication in a book or in a special issue of a reputable International Journal.

#### Important Dates

August 20, 2009: Submission of Papers  
September 15, 2009: Notification of Acceptance/ Rejection  
October 10, 2009: Camera-Ready and Registration Due  
December 10, 2009: Workshop Takes Place