

The Third International Symposium on Multidisciplinary Emerging Networks and Systems (MENS2012)

September 4-7, 2012

Fukuoka, Japan

Overview

As computing and network systems gradually become the fundamental infrastructure of the information society, many multidisciplinary research topics emerge to support/reflect the features of our economics and society. As we know, in the research and application of future networks and systems, only a technical approach is far too weak to deliver a satisfactory solution. It has already been proven by the dilemma of Internet QoS researches and applications. Even more important is that, multidisciplinary perspectives and approaches will shed new light on various related issues in different networks and systems, and foster new applications. For example, a social network over wireless ad hoc network can provide proximity based social computing, and may be one of the killer applications in wireless ad hoc networks. In this direction, knowledge from biology, psychology, economics (e.g., game theory), social network, and many other research fields can provide important and helpful hints for future networks and systems research.

Following the success of the International Symposium on Multidisciplinary Autonomous Networks and Systems (MANS2009), and the International Symposium on Multidisciplinary Emerging Networks and Systems in 2010 (MENS 2010), the International Symposium on Multidisciplinary Emerging Networks and Systems in 2012 (MENS 2012) is organized in series to continue providing a forum for researchers and practitioners to exchange new ideas and information regarding advancements in the state of the art of emerging networks and systems from multidisciplinary perspectives. This symposium will as well facilitate to identify new research topics and envision the future.

Scope

Papers that illustrate innovative research works, works-in-progress, new ideas, or survey works are solicited. Topics include but are not limited to the following:

- Innovative models for intelligent networks and systems
- Evolutionary principles of intelligent networks and systems
- Bio-inspired information and communication systems
- Economic concepts and mechanisms, and game theory
- Emotional, and psychological computing
- Complex adaptive systems, and self-organized systems
- Web service, grid, cloud and transparent computing
- Trust and reputation models and management
- Privacy, security, ethics, culture, and anonymity issues
- Mobile, Peer-to-Peer social networks and wireless ad hoc networks
- Sensor networks and social sensing
- Socially-inspired and collaborative computing
- Agents, and massive agents systems
- Service science, management and engineering
- u-Things, u-Science and u-Engineering
- Intelligent transportation systems, and safety-critical systems
- Empirical studies of multidisciplinary approaches
- Trustable and assurance networks
- Network survivability, fault tolerance and dependability

General Chair

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Hiroshima City University, Japan

Program Chair

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Jianhua Ma, Hosei University, Japan
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Program Committee

<http://www.mens2012.info.hiroshima-cu.ac.jp/committee.html>

Important Dates

Submission Deadline:

May 15, 2012

Paper Status Notification:

June 15, 2012

Camera-ready Manuscript Due:

To be announced

Web Site

<http://www.mens2012.info.hiroshima-cu.ac.jp/>

Contact Information

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Submission and Publication

All submitted papers will be peer-reviewed by at least two PC members or external reviewers. At least one author of each accepted paper is required to register and present their work at the symposium. Otherwise the paper will not be included in the proceedings. The proceedings of the symposium of MENS 2012 will be published by IEEE Computer Society Press. The manuscripts must be in English and should be formatted according to the IEEE CS Proceedings Guidelines. The camera-ready manuscripts can be up to 6 pages.

Special Issues (Indexed by SCI)

Selected papers, after extension and further revisions, will be published in a special issue of the following journal:
Elsevier, Journal of Computer and System Sciences (JCSS, SCI, Impact Factor: 1.63)