

Call for Papers

## **International Journal of Embedded Systems**

### **Special issue on INTELLIGENT TECHNOLOGIES FOR FUTURE INFORMATION NETWORK SYSTEMS**

The tremendous advances in wireless communication and mobile computing technologies have created a new computing and communication environment that provides services anytime and anywhere for everyone. In order to accelerate this trend in the future, further progresses of the researches on wireless and pervasive computing are necessary. The International Journal of Embedded Systems is soliciting papers for a Special Issue addressing all aspects enabling intelligent technologies for electronic services for future Internet systems. This special issue will focus on the impact of technology evolution and usage in the context on new era of application for collective intelligence and Big Data management.

The Special Issue will cover the latest advances in intelligent networks and collaborative technologies that lead to gain competitive advantages in business and academia scenarios. The ultimate aim is to stimulate research that will lead to the creation of responsive environments for networking and, at longer-term, the development of adaptive, secure, mobile, and intuitive intelligent systems for future network systems. Industry and academic researchers, professionals and practitioners are invited to exchange their experiences and present their ideas in this field. Examples of subjects covered include, among others, technological advances in devices equipped with greater embedded intelligence capable to communicate with others for the full user benefits to be realized, intelligent networks incorporating smart algorithms capable to realize autonomy and self-management, smart power and energy technologies for future network systems.

The main topics include, but are not limited to, the following:

- Data Management for Wireless and Pervasive Communications
- Intelligent Collaborative Networking Systems
- Data Mining and Knowledge Management for Mobile Applications
- Data Placement, Caching, Replication and Relocation to Support Mobility
- Metadata Management and Exchanges for Mobile and Ubiquitous Applications
- Middleware Support for Mobile and Ubiquitous Computing
- Natural Inspired Computing for Collective Intelligence
- Data Management and Information Retrieval
- Data Aggregation in Sensor Networks
- Context-aware Computing Middleware(s) for Future Internet Systems
- Distributed Networking in Future Internet Systems
- Energy Efficiency using Intelligent Network Technology
- Performance Evaluation of Future Internet Systems

Manuscripts must be prepared according to the usual standards for submission to “International Journal of Embedded Systems”; see the Information for Authors in: <http://www.inderscience.com/mapper.php?id=30>. Manuscripts must also be uploaded through

IJES's electronic submission system. More details are available at:  
[http://www.inderscience.com/info/inauthors/author\\_submit.php](http://www.inderscience.com/info/inauthors/author_submit.php).

Proposed Timeline:

Manuscript submission: June 28<sup>th</sup>, 2013

Notification of acceptance (or otherwise): September 20<sup>th</sup>, 2013

Final manuscript due: October 25<sup>th</sup>, 2013

Tentative publication: March 23<sup>th</sup>, 2014

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