



## 6th International Conference on Information Technology : New Generations ITNG 2009

April 27-29, 2009, Las Vegas, Nevada, USA

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(Proceedings to be published by the IEEE Computer Society.)

### Networking and Wireless Communications

The scope of the wireless communications technology includes but not limited to two-way radio, cellular communications, personal communications, multi-media communications, antennas, propagation, cognitive radio, dynamic spectrum allocation, and security issues. The author submissions include algorithms, modeling, applications, security issues, and adaptive capabilities to meet the current customer requirements of operating environments, missions and constraints.

The special session invites the authors to submit their research articles that explore design, development, applications, and operations of wireless sensor networks. The topics include but not limited to:

- Cognitive radio, ultra-wideband, sensor-based applications
- Cognitive Networks including Cross-Layer Perspective, interference management, Dynamic spectrum Access, scaling laws, Game models, spectrum sharing games, etc.
- Wireless energy and security systems
- OFDM, CDMA, spread spectrum
- Channel modeling and characterization
- Physical layer algorithms
- Genetic algorithms, neural networks, and fuzzy applications in wireless communications
- Multimedia communications
- Wireless/mobile networked applications
- Signal processing and wireless communications
- Wireless MAC protocols, design, and analysis
- Security issues in wireless communications
- Software Architecture for wireless Communication

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#### Paper Submission:

Papers must be of high quality, unpublished, and currently not accepted or under review by another conference, workshop, or journal. All submissions must include author names and complete mailing addresses (including telephone number, fax number, and the email address). Extra charges will apply if final version of the paper exceeds six pages. The paper must be in the **IEEE format** through <https://www.softconf.com/starts/itng09/>. You can also email your paper to track chair with the subject line set as "ITNG 2009".

#### Evaluation Process:

All papers will be reviewed by at least two independent reviewers. Papers will be evaluated for originality, technical content, language clarity, and significance to the conference. Accepted papers will be included in the conference proceedings published by the IEEE Computer Society and available on the IEEE digital library. The conference proceedings are indexed and retrievable by EI and ISTP. Selected papers presented in the conference will be considered for publication in a special issue of International Journal of Computers and Applications.

#### Important Dates:

**Submission Deadline:** ~~November 7, 2008~~ **November 28, 2008**

**Author Notification by: December 19, 2008**

Submit your papers through ITNG 2008 website [www.itng.info](http://www.itng.info)

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