

Call for Papers
Special Issue on Applications of Graph Theory in Ubiquitous Networks
Submission deadline: April 15, 2011

The scope of the special issue is to explore development and current/future challenges in the area of Ubiquitous Networks/Computing from graph theory field. Another goal is to examine algorithms in the context of Ubiquitous applications. Original research papers, as well as expository and survey papers, are sought, both invited and contributed. Sample topics include but are not limited to the following:

- * A Graph-Theoretic model for Architecture of Ubiquitous Network
- * Algorithms for scheduling and resource allocation problems
- * Algorithms for topology control and power assignment
- * Approximation heuristics for NP-complete problems related to Ubiquitous Network
- * Connectivity analysis under different mobility models
- * Encoding/Decoding on RFID and Sensor Network
- * Routing and protocols based on Graph theory
- * Security and privacy
- * Ubiquitous Network analysis based on Graph theory
- * Vehicular Ad Hoc Networks
- * Mobility management and handoffs

Early submission is encouraged to present their work at a special Workshop titled Workshop on Applications of Graph Theory in Ubiquitous Networks(<http://agun2010.guet.edu.cn/>), which will take place in Sanya, Hainan, China on December 17,2010 . However, Prospective authors can submit papers to Guohun Zhu at agun2010@guet.edu.cn after the deadline of the workshop. **For details on submission, please see**

<http://www.fujipress.jp/JACIII/>

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