



First International IEEE
WoWMoM Workshop on

Autonomic and Opportunistic Communications



Helsinki (Finland) 18 June 2007

The First IEEE WoWMoM Workshop on Autonomic and Opportunistic Communications

Preliminary CALL FOR PAPERS

We are faced with an era where the wide spread use of small portable wireless devices and wireless technologies are building the pervasive vision. This pervaded world generated new communications paradigms: autonomic and opportunistic communications.

Communication among devices in a pervasive environment can happen if the devices can communicate autonomously, and manage their own evolution and configuration changes in the network, without explicit user or administrator action. In a pervasive world, even in the absence of any connectivity infrastructure mobile devices can communicate using the connection "opportunities" that arise due to mobility.

The goal of this workshop is to provide a forum between the autonomic and opportunistic communication communities to exchange ideas, discuss solutions, and share experiences among researchers, professionals, and application developers both from industry and academia. Original papers addressing both theoretical and practical aspects of autonomic communications and computing are solicited. Papers describing prototype implementations and deployment are particularly welcome.

Topics of interest include but are not limited to:

- * Architecture and models for autonomic and opportunistic communication
- * Tools and techniques for designing, analyzing and building autonomic and opportunistic networks
- * Adaptive security for self protection of networks
- * Economic, biological and social models used for autonomic and opportunistic communications
- * Mobility models for opportunistic networking
- * Novel management techniques for autonomic and opportunistic communication
- * Sensing, monitoring and measurements for self-managing networks
- * Advanced technologies for enabling autonomic and opportunistic communication
- * Autonomic and opportunistic communication testbeds and measurements

Submission instructions

Papers should contain original material and not be previously published, or currently submitted for consideration elsewhere. Manuscripts must be limited to 6 pages in IEEE 8.5x11 conference format, and formatted in strict accordance with the IEEE Computer Society author guidelines. All submissions will be handled electronically. Submission will be handled electronically.

Accepted papers will be published by the IEEE Computer Society Press in the combined WoWMoM 2007 workshop proceedings.

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Information Society
Technologies



Important dates

Submission Deadline: February 11, 2007
Notification of Acceptance: March 15, 2007
Camera - ready Due: April 16, 2007

For more information: <http://cnd.cnr.iit.it/aoc2007>