



AOC 2010

Fourth International IEEE
WoWMoM Workshop on

Autonomic and
Opportunistic
Communications

WoWMoM 2010

IEEE

IEEE
COMPUTER
SOCIETY

Montreal, Canada, 14 June 2010

The Fourth IEEE WoWMoM Workshop on Autonomic and Opportunistic Communications

Preliminary CALL FOR PAPERS

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. The synergies between autonomic and opportunistic communications & social networks studies and technologies are one of the primary interests of this year's edition. Original papers addressing both theoretical and practical aspects of autonomic and opportunistic communications are solicited. Papers describing prototype implementations and deployments are welcome. Topics of interest include but are not limited to:

- Architecture and models for autonomic and opportunistic communications
- Economic, biological and social models used for autonomic and opportunistic communications
- Social networking technologies applied to autonomic and opportunistic communications
- Tools and techniques for designing, analysing and building autonomic and opportunistic networks
- Adaptive security for self protection of networks
- Mobility models for opportunistic networking
- Novel management techniques for autonomic and opportunistic communications
- Sensing, monitoring and measurements for self-managing networks
- Advanced technologies for enabling autonomic and opportunistic communications
- Autonomic and opportunistic communication testbeds and measurements
- Algorithmic aspects associated with autonomic communications environments and problems

Paper Submission and Publication

Papers should neither have been published elsewhere nor currently under review by another conference or journal. Guidelines on paper submission and formatting are available at <http://cnd.iit.cnr.it/aoc2010/>. Accepted papers will appear in the symposium proceedings published by IEEE. At least one author of each accepted paper is required to register and present their work at the workshop. Extended versions of workshop selected papers will be considered for possible fast track publication on the Computer Communications Journal (Elsevier). Please note that all accepted papers need to have a full registration to the IEEE WoWMoM conference (there is no workshop only registration) and that no-shows of accepted papers at the workshop will result in those papers NOT being included in the IEEE Digital Library.

Important Dates

EXTENDED Full
Paper Due: **19 February, 2010**

Notification: **5 April, 2010**

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The Workshop is supported by project:

socialnets
funded by the FET-IST Programme Per-Ada



For more information: <http://cnd.cnr.iit.it/aoc2010>