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ACM/SIGMOBILE MobiOpp 2010



February 22-23, 2010 -- Pisa, Italy

CALL FOR PAPERS

Opportunistic Networking is one of the emerging communication paradigms in wireless mobile communications. Opportunistic networks are commonly defined as a type of challenged networks where communication opportunities are based on sporadic and intermittent contacts, disconnections and reconnections may frequently occur, and the assumption on the existence of an end-to-end path between the source and the destination is relaxed. As compared to the legacy MANETs, where an always-connected infrastructure-less network is assumed, opportunistic networks are much closer to real pervasive networking scenarios, where devices (with sensing capabilities) are carried while users move, and can connect and disconnect continuously relying their communication chances on a *store-and-forward* approach. The aim of *MobiOpp'10* is to bring together researchers working in this emerging area, thus also providing a reference event for those working on self-organizing wireless mobile networks which usually exploit the opportunistic communication paradigm. In this workshop we aim to explore novel research issues related to all aspects of opportunistic networks. Original contributions are solicited, being related to systems and protocols design, development and analysis, in all areas of Opportunistic Networking. Topics of interest include, but are not limited to: Novel Architectures, Areas of interest include, but are not limited to:

- Novel Architectures
- Routing protocols
- Transport and reliability issues in opportunistic networks
- Resource management techniques
- Dissemination and replication techniques
- Opportunistic networking in P2P systems
- Social-aware opportunistic networking
- Middleware services in opportunistic networks
- Opportunistic networking applications
- Opportunistic networking in wireless sensor networks
- Multimodal urban sensing
- Security issues in opportunistic networks
- Trust and cooperation in opportunistic networks
- Mobility models for opportunistic networks
- Tools and techniques for designing, analyzing and building opportunistic networks
- Opportunistic networks testbeds and measurements
- Opportunistic networks performance modeling

The workshop proceedings will be published by ACM. Extended versions of workshop selected papers will be considered for possible fast track publication on the Computer Communications Journal (Elsevier)

Important Dates

Paper submission EXTENDED deadline: November 11, 2009

Acceptance Notification: December 24, 2009

Camera Ready: January 22, 2010