



#### WORKSHOP Chairs

Merkouris Karaliopoulos, University of Athens, Greece  
Daniele Puccinelli, SUPSI, Switzerland

#### STEERING Committee

Marco Conti, IIT-CNR, Italy  
Silvia Giordano, SUPSI, Switzerland  
Ioannis Stavrakakis, University of Athens, Greece

#### PUBLICITY Chair

Alan Ferrari, SUPSI, Switzerland

#### PROGRAM COMMITTEE

Chiara Boldrini, IIT-CNR, Italy  
Eleonora Borgia, IIT-CNR, Italy  
Jian-Nong Cao, Hong Kong Polytechnic University, HK  
Vania Conan, Thales, France  
Jordi Cucurull, ScytI, Spain  
Serge Fdida, UPMC, Paris VI, France  
Anna Foerster, SUPSI, Switzerland  
Nidhi Hegde, Technicolor, France  
Tristan Henderson, University of St. Andrews, UK  
Theus Hossmann, University of Cambridge, UK  
Gunnar Karlsson, KTH, Sweden  
Kyunghan Lee, North Carolina State University, USA  
Franck Legendre, ETH Zurich, Switzerland  
Daniele Miorandi, Create-net, Italy  
Refik Molva, Eurecom, France  
Katia Obraczka, Univ. of California Santa Cruz, USA  
Konstantinos Oikonomou, Ionian University, Greece  
Joerg Ott, HUT, Finland  
Elena Pagani, University of Milan, Italy  
Andrea Passarella, IIT-CNR, Italy  
Andreea Picu, ETH Zurich, Switzerland  
Christian Rohner, Uppsala University, Sweden  
Fabrizio Sestini, EU Commission  
Abdullatif Shikfa, Alcatel Lucent Bell Labs, France  
Thrasylvoulos Spyropoulos, EURECOM, France  
Roger Whitaker, Cardiff University, UK  
Hongyi Wu, University of Louisiana at Lafayette, USA  
Eiko Yoneki, University of Cambridge, UK  
Franco Zambonelli, University of Modena-Reggio, Italy  
Xiaolan Zhang, Fordham University, USA

For more information: <http://aoc2013.dti.supsi.ch/>

#### Important Dates

Registration Deadline: February 10, 2013  
Submission Deadline: March 3, 2013  
Notification: April 1, 2013  
Workshop: June 4, 2013

## CALL FOR PAPERS

The recent proliferation of sensor-rich portable devices is enabling novel communication paradigms for users and contributing to the implementation of the ubiquitous computing and networking vision. Opportunistic networking represents a key communication paradigm for this vision. Either as a standalone communication mode or as a complement to infrastructure-based communication, opportunistic networking leverages the mobility of end users to enhance their ability to communicate in the absence of reliable end-to-end connectivity. Opportunistic networking opens up many possibilities but also poses countless new challenges. The goal of the AOC 2013 workshop is to serve as a forum for researchers, professionals, application developers, and other experts from both academia and industry to exchange new ideas, discuss new solutions, and share their experiences. As with previous editions, this year's workshop is particularly interested in novel research directions, such as service composition techniques, co-existence with infrastructure networks, and insights from game theory, social networking analysis, and cognitive psychology. The workshop will solicit original papers addressing theoretical and practical aspects of autonomic and opportunistic communications as well as papers describing prototype implementations and deployments.

Topics of interest for AOC 2013 include, but are not limited to:

- Routing, transport, and reliability issues
- Techniques for data dissemination and replication
- Applications and middleware support, mobile social networking applications
- Mobility models and statistical analysis of mobility traces
- Context and social awareness mechanisms and algorithms
- Co-existence of opportunistic networks with infrastructure mobile wireless networks
- Service composition in autonomic and opportunistic networks
- Cognition-driven information processing and decision making
- Performance modelling, scaling laws, and fundamental limits for autonomic and opportunistic communications
- Game-theoretical insights to the operation of autonomic and opportunistic networks
- Participatory and urban sensing in autonomic and opportunistic networks
- Trust, security, and reputation
- Autonomic and opportunistic communication testbeds and prototypes, measurement data from real experiments
- Socio-economic models for autonomic and opportunistic communications

Photo © Copyright: Victor Lavilla/PanoramaStreetline

## Sponsors

## Supporters

