Workshop on Autonomic and Opportunistic Communications (AOC 2007)

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Message from the Workshop Chairs

It is a great pleasure to present the technical program of the 1st IEEE International Workshop on Autonomic and Opportunistic Communications, AOC 2007. AOC 2007 is organized as a part of WoWMoM 2007, and it is jointly organized by the ANA and HAGGLE projects funded by the FET-IST Programme of the European Commission in the framework of the Situated and Autonomic Communications (SAC) proactive initiative. The SAC initiative addresses the research challenges emerging in a world of ubiquitous wireless-enabled devices and communication elements that self-organize and self-adapt to evolving situations to offer services to their users. This scenario requires the development of new networking paradigms based on autonomic and opportunistic communications. 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. Efficient communications among devices can be facilitated if the devices can communicate autonomously, and manage their own evolution and configuration changes in the network, without explicit user or administrator intervention.

The goal of AOC is to provide a forum for the autonomic and opportunistic communications’ communities in order to exchange ideas, discuss solutions, and share experiences among researchers, professionals, and application developers both from industry and academia.

The answer to the call for papers was very encouraging. We received 26 submissions out of which we selected 11 papers for presentation in the workshop sessions. The final program also includes one keynote speech.

This event would not have been possible without the enthusiastic and hard work of a number of colleagues. First of all, we would like to thank the TPC members for their invaluable help in reviewing the papers submitted to AOC 2007. We wish to thank the publicity chair, Luciana Pelusi, for greatly advertising the conference. We also wish to thank all the authors who submitted their papers to AOC 2007. A special thank to the EC officer, Fabrizio Sestini, supporting us in this initiative. Last but not least, we would like to thank you, the participants for attending the workshop. We sincerely hope that you enjoy AOC 2007!

June 2007

Marco Conti
Silvia Giordano
Ioannis Stavrakakis
AOC 2007 Workshop Organization

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