Message from AWSN-08 Workshop Chair

Welcome to the 2008 International Workshop on Adaptation in Wireless Sensor Networks (AWSN-08), held in conjunction with the International Conference on Intelligent Pervasive Computing (IPC-08) in Sydney, Australia, December 10-12, 2008.

Wireless sensor networks (WSN) are networked embedded systems that rely on wireless communication. WSNs are supposed to run long-lived applications. During operation, applications are likely to experience unpredictable environment conditions that require to dynamically change their behaviour. Such an adaptation is still an open issue, as it can be achieved either at the expense of significant energy consumption or through software complexity. The workshop aims at stimulating researchers and practitioners in embedded software, multi-agent systems, ad-hoc networking and all other relevant areas to present and explore the development of recent advances of technologies that enable adaptive WSNs applications. Original, high-quality submissions from academia and industry have been welcomed to this workshop and, after careful reviewing by the AWSN-08 PC members, 7 of these papers have been accepted. These papers present a number of key state-of-the-art approaches and technical solutions to various problems regarding adaptive power control, cross layer interaction, topology control, multi-path routing, feature and sensor calibration, virtual sensor networks, opportunistic hibernation.

We would like to thank all the PC members and the reviewers for their efforts and constructive comments. We would like to take this chance and thank the IPC-08 conference and workshops organizers, and in particular Alessio Vecchio (University of Pisa, Italy), for his support and helpful instruction during the delicate stage of formulating and organizing the workshop. Finally, we would like to thank all the authors who submitted their research work to this workshop.

We hope you enjoy the workshop and have a joyful time in Sydney, Australia.

Marco Avvenuti, University of Pisa, Italy
AWSN-08 Workshop Chair