Welcome Message from the PITSaC 2013 Workshop Co-Chairs

Welcome to the International Workshop on International Workshop on Pervasive Internet of Things and Smart Cities (PITSaC 2013), which will be held in conjunction with 27th IEEE International Conference on Advanced Information Networking and Applications (IEEE AINA2013) in Barcelona, Spain, on March 25-28, 2013.

The workshop is intended to facilitate exchange of ideas and collaborations between researchers from telecommunications, computer science, mathematics, and intelligent computing, on the one hand, and such related sciences, on the other hand, to discuss various aspects of Internet of Things, Pervasive and Ubiquitous Computing and Smart Cities to discuss the technologies and research challenges associated to new applications and services in Smart Livable Cities.

The Internet of Things is a key enabler for the realization of smart cities because it allows for the pervasive interaction with/between the smart things leading to an effective integration of information into the digital world. These smart (mobile) things—which are instrumented with sensing, actuation, and interaction capabilities—have the means to exchange information and influence the real world entities and other actors of a smart city eco-system in real time, forming a smart pervasive computing environment to achieve a more livable city.

PITSaC is an International Workshop focused on the extension and integration aspects of the secure Internet of Things and pervasive computing technologies. The objective is to reach a global access to the services and information through the so-called Web of Things, on the one hand, and the efficient support for global communications, on the other hand, to embrace the machine to machine (M2M) communications in the future Internet of Things composed of IPv6 network and various smart things. This workshop will also address additional issues, such as the adaptation of legacy technologies and RFID to IPv6 and the Future Internet of Things, security and privacy requirements in Smart Cities and the design of a secure and privacy-aware Internet of Things, as well as the definition of new advanced architectures and models for the Internet and its application to smart livable Cities.

This international workshop collected research papers on the above research issues from all around the world. Papers collected in this international workshop were carefully reviewed by at least four reviewers. According to the review results, the program committee members selected 22 papers to be presented in this workshop.

We feel very proud of the large number of participants; it has been difficult to collect the best papers from all that we received; at the end, we have defined an amazing workshop that we hope we can enjoy during the following days.

Many people have helped us to prepare and organize the PITSaC 2013 workshop. First, we would like to thank the authors who submitted high-quality papers and reviewers who carefully evaluated the submitted papers. We give special thanks to Prof. Fatos Xhafa, and Prof. Leonard Barolli for their support from the main conferences to make this workshop very successful and for their strong encouragement and guidance in organizing the workshop.
We thank the Steering Committee and Program Committee Chairs for their advice and support in making possible the organization of PITSaC 2013.

Special thanks go to the IPSO Alliance for being the sponsor of this event. It is very important to reach a pervasive internet of things to keep a good collaboration and synchronization between the industrial and the academia sides.

Finally, we would like to thank the IoT6 European project, which is co-organizing this event, as such as other excellent EU projects related with the Internet of Things and Smart Cities.

We hope you will enjoy the conference and have a great time in Barcelona, Spain.

**PITSaC 2013 Workshop Co-Chairs**

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