Message from the Organizers

Welcome to the Fourth International Workshop on Model-based Methodologies for Pervasive and Embedded Software (MOMPES 2007). This event is organized within the 10th European Joint Conferences on Theory and Practice of Software (ETAPS 2007) and takes place in the city of Braga, Portugal.

This collocation within ETAPS follows the previous experiences in collocating the workshop within the International Conference on Application of Concurrency to System Design (ACSD 2004 in Hamilton, Ontario, Canada & ACSD 2005 in Rennes, France) and the IEEE International Conference on the Engineering of Computer Based Systems (ECBS 2006 in Potsdam, Germany). These different collocations permit the discussion of the topics, embraced by the workshop, within distinct research communities. This broad scope of the MOMPES series of workshops allows different perspectives, cultures, and approaches, both practical and theoretical, from different knowledge areas to be discussed and reported. This is one of the original main objectives of the MOMPES workshops.

The technical programme of the conference consists of two kinds of contributions: invited talks and regular papers. The two invited speakers come both from academia. They will provide in-depth experience on the usage of model-based methodologies to develop computer-based systems. The regular papers provide a balance of theoretical contributions and practical applications in a variety of relevant areas, showing benefits of using model-based approaches in the pervasive and embedded fields.

The number of submissions to MOMPES 2007 was 12 papers. The papers were reviewed by the programme committee, with every member receiving, on average, 2 papers for review. Every paper was revised by 3 different reviewers. A total of 10 regular papers were accepted.

We are grateful to Mr. Bob Werner from the IEEE Computer Society for collecting the final versions of the accepted papers and preparing the proceedings. We also acknowledge the IEEE Computer Society Press (Los Alamitos, California, USA) for having accepted to publish the proceedings of MOMPES 2007, and the ETAPS organisers for the cooperation in the collocation of the workshop, within the ETAPS 2007 conferences.

We thank all the authors of submitted papers for their contributions, Programme Committee members and other reviewers for selecting an excellent programme, and all participants in the workshop. This joint meeting has been supported by the University of Minho, McMaster University, and Trinity College Dublin.

We hope you will enjoy the MOMPES 2007.

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(MOMPES 2007 Organizers)