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**Proceedings of the 8th International Workshop on
Verification and Evaluation of Computer and Communication Systems
VECoS'2014**

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Preface

These are the proceedings of the 8th International Workshop on Verification and Evaluation of Computer and Communication Systems (VECoS 2014) held in Bejaïa, Algeria, September 29–30, 2014.

VECoS workshop was created by an Euro-Maghrebian network of researchers in computer science. Its first edition, VECoS 2007, took place in Algiers, VECoS 2008 in Leeds, VECoS 2009 in Rabat, VECoS 2010 in Paris, VECoS 2011 in Tunis, VECoS 2012 in Paris and VECoS 2013 in Florence (<http://vecos-world.org>).

The aim of the VECoS workshop is to bring together researchers and practitioners, in the areas of verification, control, performance, quality of service, dependability evaluation and assessment, in order to discuss the state-of-the-art and the challenges in modern computer and communication systems in which functional and non-functional properties are strongly interrelated. Thus, the main motivation for VECoS is to encourage the cross-fertilization between the various formal verification and evaluation approaches, methods and techniques, and especially those developed for concurrent and distributed hardware/software systems.

Beyond its technical and scientific goals, another main purpose of VECoS is to promote collaboration between participants in research and education in the area of computer science and engineering. We welcome contributions describing original research, practical experience reports and tool descriptions/demonstrations in the areas of verification, control, performance, quality of service and dependability evaluation.

The program committee consists of:

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The invited speakers for VECos 2014 are: Saddek Bensalem from Verimag Lab, France, Bernd Heidergott from VU Amsterdam, the Netherlands and Carla Seatzu from University of Cagliari, Italy.

We received 35 high-quality contributions. For each paper three to four reviews were made. The program committee has accepted 11 papers for full presentation. Furthermore the committee accepted 5 papers as posters.

Without support of our academic and corporate sponsors, the enormous efforts of authors, reviewers, steering committee and the local organizational team this workshop wouldn't provide such an interesting booklet.

We do hope you enjoy this program and that you make the most of your stay in Bejaia.

Hassane Alla and Louiza Bouallouche-Medjkoune
 Bejaia, September 2014

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