Message from the Workshop Organizers
WoSoCer 2014

Welcome to the Fourth International Workshop on Software Certification (WoSoCer 2014), co-located with the 25th IEEE International Symposium on Software Reliability Engineering (ISSRE).

The WoSoCer workshop series brings together researchers, practitioners, companies, domain experts, and regulatory authorities interested in investigating and discussing new strategies and techniques for the development and verification of safety- and security-critical software. The workshop aims at fostering interactions among these people with the goal of achieving innovative solutions for the certification of critical systems.

This edition of WoSoCer features 9 peer-reviewed research papers on hot topics in the field of software certification: the improvement of certification processes, the cost-efficiency of certification, and the intersection between security and safety certification. Moreover, the workshop features a special session focused on tools for dependability and certifiability assessment, to discuss the usability, scalability, and applicability of certification approaches. Finally, WoSoCer 2014 hosts an invited talk from Prof. Lorenzo Strigini (City University London, UK) on the relationship between certification and probabilistic reliability modeling, which are two relevant topics of the ISSRE conference.

We would like to thank the Program Committee members, reviewers and authors of WoSoCer 2014 for their valuable contributions, and the organizing committee of ISSRE 2014 for their precious support. This edition of WoSoCer is supported by the CECRIS project (CErtification of CRItical Systems, FP7-PEOPLE-2012-IAPP Grant Agreement n. 324334, http://www.cecris-project.eu).