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Computer Safety, Reliability, and Security

35th International Conference, SAFECOMP 2016
Trondheim, Norway, September 21–23, 2016
Proceedings

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Preface

It is our pleasure to present the proceedings of the 35th International Conference on Computer Safety, Reliability, and Security (SAFECOMP 2016), held in Trondheim, Norway, in September 2016. Since 1979, when the conference was established by the European Workshop on Industrial Computer Systems, Technical Committee 7 on Reliability, Safety, and Security (EWICS TC7), it has contributed to the state of the art through the knowledge dissemination and discussions of important aspects of computer systems of our everyday life. With the proliferation of embedded systems, the omnipresence of the Internet of Things, and the commodity of advanced real-time control systems, our dependence on safe and correct behavior is ever increasing. Currently, we are witnessing the beginning of the era of truly autonomous systems, driverless cars being the most well-known phenomenon to the non-specialist, where the safety and correctness of their computer systems are already being discussed in the main-stream media. In this context, it is clear that the relevance of the SAFECOMP conference series is increasing.

The international Program Committee, consisting of 57 members from 16 countries, received 71 papers from 21 nations. Of these, 24 papers were selected to be presented at the conference.

The review process was thorough with at least 3 reviewers with ensured independency, and 20 of these reviewers met in person in Toulouse, France in April 2016 for the final discussion and selection. Our warm thanks go to the reviewers, who offered their time and competence in the Program Committee work. We are grateful for the support we received from LAAS-CNRS, who in its generosity hosted the PC meeting.

As has been the tradition for many years, the day before the main-track of the conference was dedicated to 6 workshops: DECSoS, ASSURE, SASSUR, CPSELabs, SAFADAPT, and TIPS. Papers from these are published in a separate LNCS volume.

We would like to express our gratitude to the many who have helped with the preparations and running of the conference, especially Friedemann Bitsch as publication chair, Elena Troubitsyna as publicity chair, Erwin Schoitsch as workshop chair, and not to be forgotten the local organization and support staff, Knut Reklev, Sverre Hendseth, and Adam L. Kleppe.

For its support, we would like to thank the Norwegian University of Science and Technology, represented by both the Department of Engineering Cybernetics and the Department for Production and Quality engineering.

Without the support from the EWICS TC7, headed by Francesca Saglietti, this event could not have happened. We wish the EWICS TC7 organization continued success, and we are looking forward to being part of this also in the future.

Finally, the most important persons to whom we would like to express our gratitude are the authors and participants. Your dedication, effort, and knowledge are the foundation of the scientific progress. We hope you had fruitful discussions, gained new insights, and generally had a memorable time in Trondheim.

September 2016

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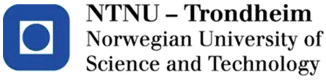

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