

Preface

For many years, the annual SAFECOMP conferences have been complemented by a series of workshops. This year, we accepted proposals for 7 domain-specific high-quality workshops from which four were successful in the end in collecting a sufficient number of high-quality papers or in organizing enough additional invited talks. This volume presents the proceedings of these four workshops held on September 20, 2016, preceding the SAFECOMP 2016 conference from 21 to 23 September, and organized by the Norwegian University of Science and Technology in Trondheim. The SAFECOMP 2016 proceedings can be found in LNCS volume 9922.

Most workshops were sequels to earlier workshops, which show that the workshop topics are relevant to the scientific and industrial community that deals with safety, reliability, and security in programmable industrial systems. The workshops were organized by well-known chairs and respected Program Committees. This year's workshops (all full-day) were the following:

- ASSURE 2016 - 4th International Workshop on Assurance Cases for Software-Intensive Systems, chaired by Ewen Denney, Ibrahim Habli, and Ganesh Pai;
- DECSoS 2016 - ERCIM/EWICS/ARTEMIS Workshop on Dependable Embedded and Cyber-physical Systems and Systems-of-Systems, chaired by Erwin Schoitsch and Amund Skavhaug;
- SASSUR 2016 - 5th International Workshop on Next Generation of System Assurance Approaches for Safety-Critical Systems, chaired by Alejandra Ruiz, Tim Kelly, and Jose Luis de la Vara;
- TIPS 2016 - 1st International Workshop on the Timing Performance in Safety Engineering, chaired by Laurent Rioux and Marc Geilen.

Another workshop, CPSELabs 2016 - Cyber-Physical Systems Engineering, chaired by Christel Seguin, Holger Pfeifer, and Jérémie Guiochet, was based on invited speakers only, without proceedings. The first four workshops had Calls-for-Papers and a thorough review process. Criteria were different from the main conference since authors were encouraged to submit workshop papers, i.e., on work in progress and topics which may lead to controversial discussions. In total, 30 full papers were accepted, plus 5 invited papers (talks with abstracts in TIPS 2016) and 4 short papers as introductions to the respective workshop. Similar to the SAFECOMP conference, the workshops provided a truly international platform for academia and industry.

It has been a pleasure to work with the publication chair Friedemann Bitsch, the SAFECOMP 2016 program and workshop chairs, the workshop Program and Steering Committees, and the authors. Thank you all for good cooperation and excellent work!

Computer Safety, Reliability, and Security
SAFEComp 2016 Workshops, ASSURE, DECSoS, SASSUR,
and TIPS, Trondheim, Norway, September 20, 2016,
Proceedings
Skavhaug, A.; Guiochet, J.; Schoitsch, E.; Bitsch, F.
(Eds.)
2016, XIV, 400 p. 130 illus., Softcover
ISBN: 978-3-319-45479-5