17th International Workshop on Worst-Case Execution Time Analysis

WCET 2017, June 27, 2017, Dubrovnik, Croatia

Edited by

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Preface

It is my pleasure to welcome you to the proceedings of the *17th International Workshop on Worst-Case Execution Time Analysis* (WCET 2017). This year the proceedings are published prior to the workshop in order to further stimulate interaction among participants at the event. WCET 2017 is going to take place in Dubrovnik, Croatia as a satellite event of the *29th Euromicro Conference on Real-Time Systems* (ECRTS 2017), the premier European venue for research in the broad area of real-time and embedded systems.

The goal of the workshop is to bring together people from academia, tool vendors and users in industry who are interested in all aspects of timing predictability of real-time systems. This is reflected by the makeup of the program committee, as well as the authors of the papers in the proceedings, which consists of academic researchers, tool vendors, and colleagues from industry. This year we received 14 high-quality submissions, out of which the program committee selected 10 for presentation at the workshop and for publication in the proceedings. These papers cover a broad range of timely topics, including, among others, parallel real-time benchmarks, early-stage WCET prediction using machine learning, and approaches to multi-core WCET analysis. I hope that you will find the program interesting and inspiring for your future work!

Putting together this year's workshop program was a team effort. First of all, I would like to thank the authors for their submissions. The program committee and the external reviewers did a great job in evaluating the submissions and in providing constructive feedback to the authors. Thank you for that! I am also grateful to the ECRTS 2017 general chair, Martina Maggio and her team, and the Real-Time Technical Committee Chair of Euromicro, Gerhard Fohler, for their support in organizing the workshop. Thank you also to the team at Schloss Dagstuhl, in particular Marc Herbstritt, for their help in preparing these proceedings.

I am looking forward to welcoming you to WCET 2017 in Dubrovnik! I encourage all participants to embrace the opportunity for discussion and interaction with the authors and other workshop attendees.

Saarbrücken, May 26, 2017
Jan Reineke

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