

# 7th Conference on Algebra and Coalgebra in Computer Science

CALCO 2017, June 14–16, 2017, Ljubljana, Slovenia

Edited by

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## ■ Preface

This volume contains the proceedings of the 7th Conference on Algebra and Coalgebra in Computer Science, CALCO'17, held in Ljubljana, Slovenia, 14-16 June 2017. Previous CALCO conferences have been held in Swansea (Wales, 2005), Bergen (Norway, 2007), Udine (Italy, 2009), Winchester (UK, 2011), Warsaw (Poland, 2013) and Nijmegen (The Netherlands, 2015).

CALCO is a high-level, bi-annual conference formed by joining the forces and reputations of CMCS (International Workshop on Coalgebraic Methods in Computer Science), and WADT (Workshop on Algebraic Development Techniques). It aims to bring together researchers and practitioners with interests in foundational aspects, and both traditional and emerging uses of algebra and coalgebra in computer science.

This volume contains 22 accepted regular papers, a tools paper and two articles contributed by the invited speakers: Alex Simpson and Nicoletta Sabadini. Thanks to the colocation with MFPS, CALCO also had a joint session on behavioural metrics with a tutorial given by James Worrell and talks by Vincent Danos, Catuscia Palamidessi and Marco Gaboardi. We thank all the speakers for their stimulating talks.

In addition, CALCO has a tradition of Early Ideas talks, allowing the presentation of work in progress and original research proposals. In 2017 CALCO had ten Early Ideas talks. We would like to thank Daniela Petrisan and Till Mossakowski for serving as Early Ideas and Tools chairs. CALCO, Early Ideas and Tools were supported by the EasyChair system that greatly facilitated the CALCO conference submission and program selection process.

We are grateful to the programme committee of CALCO, to the programme committees of the satellite events and the external reviewers for their hard work. The programme committee of CALCO was composed of the following members:

Andrej Bauer	Paul Levy
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Finally, we would like to express our thanks to the local organizers, Andrej Bauer and Matija Pretnar, for their efforts in bringing such a wonderful conference to fruition.

Filippo Bonchi and Barbara König







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