

27th International Conference on Concurrency Theory

CONCUR'16, August 23–26, 2016, Québec City, Canada

Edited by

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■ Preface

This volume contains the proceedings of the 27th Conference on Concurrency Theory (CONCUR 2016), which was hosted by Université Laval, in Quebec City, Canada from 23-26 August 2016. This year, CONCUR was co-located with the 13th International Conference on Quantitative Evaluation of SysTems (QEST) and the 14th International Conference on Formal Modelling and Analysis of Timed Systems (FORMATS) and two workshops, EXPRESS/SOS and TRENDS.

The aim of the CONCUR conferences is to bring together researchers, developers and students in order to contribute to the development and dissemination of the theory of concurrency and its applications. More than twenty five years after our first meeting in 1990, it is still the reference annual event for researchers in this field. This edition of the conference attracted 120 submissions of abstracts. 100 full papers were submitted for review, of which the Program Committee selected 34 papers for presentation at the conference. Most submissions were reviewed by four reviewers, aided by the generous help provided by external reviewers. The Conference Chairs warmly thank all the members of the Program Committee and all the additional reviewers for their excellent work and the constructive discussions. It is our hope that all authors were benefited as a result of these efforts. The full list of reviewers is available as part of these proceedings.

The program was enhanced by invited talks from Scott Smolka (joint invited speaker of QEST and FORMATS), Vincent Danos, Francesca Rossi and Marc Shapiro. These talks cover a broad range of topics from traditional concurrency theory and distributed systems through reasoning about collective decision support systems in the context of autonomous AI agents. Their abstracts and invited papers (in some cases) are available as part of these proceedings.

Continuing the change made last year, CONCUR proceedings are available for open access via LIPICs.

Last, but not least, we thank the authors and the participants for their enthusiastic participation.



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