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Formal Modeling and Analysis of Timed Systems

5th International Conference, FORMATS 2007
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Proceedings

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Preface

This volume consists of the proceedings of the Fifth International Conference on Formal Modelling and Analysis of Timed Systems (FORMATS 2007). The main goal of this series of conferences is to bring together diverse communities of researchers that deal with the timing aspects of computing systems. Both fundamental and practical aspects of timed systems are addressed and results reporting new application domains are actively encouraged. Further, invited talks that survey various aspects of this broad research domain were presented at the conference.

FORMATS 2007 was co-located (during October 3–5) as a guest conference at the Embedded Systems Week, which constitutes a week-long event that brings together conferences, tutorials and workshops dealing with various aspects of embedded systems research and development. Embedded Systems Week took place this year at Salzburg, Austria during September 30 - October 5, 2007. Detailed information about FORMATS 2007 can be found at http://www.ulb.ac.be/di/formats07, while http://www.esweek.org provides an overview of the Embedded Systems Week Event. We would like to thank the organizers of the Embedded Systems Week for enabling FORMATS 2007 to be co-located at this exciting event and for providing valuable logistics support.

This year we received 48 submissions and the Programme Committee selected 22 submissions for presentation at the conference. FORMATS 2007 used the EasyChair conference system to manage the reviewing process. The topics dealt with by the accepted papers cover: the theory of timed and hybrid systems, analysis and verification techniques, case studies and novel applications. We wish to thanks the Programme Committee members and the other reviewers for their competent and timely review of the submissions. We also wish to sincerely thank the three invited speakers, Franck Cassez, Joost-Pieter Katoen, and Bruce Krogh, for accepting our invitation and providing extended abstracts of their talks to be included in the proceedings.

As always, the Springer LNCS team provided excellent support in the preparation of this volume. Finally, our heartfelt thanks are due to Martin De Wulf, who put in a great deal of work towards the compilation of these proceedings.

July 2007

P.S. Thiagarajan
Jean-François Raskin

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