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Raymond Devillers · Antti Valmari (Eds.)

Application and Theory of Petri Nets and Concurrency

36th International Conference, PETRI NETS 2015
Brussels, Belgium, June 21–26, 2015
Proceedings

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Preface

This volume constitutes the proceedings of the 36th International Conference on Application and Theory of Petri Nets and Concurrency (Petri Nets 2015). This series of conferences serves as an annual meeting place to discuss progress in the field of Petri nets and related models of concurrency. These conferences provide a forum for researchers to present and discuss both applications and theoretical developments in this area. Novel tools and substantial enhancements to existing tools can also be presented. This year, the satellite program of the conference comprised four workshops, two Petri net courses, two advanced tutorials, and a model checking contest.

Petri Nets 2015 was co-located with the Application of Concurrency to System Design Conference (ACSD 2015). Both were organized by the Département d'Informatique (Science Faculty) of the Université Libre de Bruxelles (ULB) and took place in Brussels, Belgium, June 21–26, 2015. We would like to express our deepest thanks to the Organizing Committee chaired by Gilles Geeraerts for the time and effort invested in the local organization of the conference.

This year, 30 regular papers and four tool papers were submitted to Petri Nets 2015. The authors of the submitted papers represented 21 different countries. We thank all the authors. Each paper was reviewed by at least three reviewers. The Program Committee (PC) meeting took place electronically, using the EasyChair conference system for the paper selection process. The PC selected 12 regular papers and two tool papers for presentation. After the conference, some authors were invited to submit an extended version of their contribution for consideration in a special issue of the *Fundamenta Informaticae* journal.

We thank the PC members and other reviewers for their careful and timely evaluation of the submissions before the meeting, and the fruitful discussions during the electronic meeting. The Springer LNCS team and the EasyChair system provided excellent support in the preparation of this volume.

We are also grateful to the invited speakers for their contribution:

Robert Lorenz (Modeling Quantitative Aspects of Concurrent Systems using Weighted Petri Net Transducers)

Marlon Dumas (Process Mining Reloaded: Event Structures as a Unified Representation of Process Models and Event Logs)

Marta Kwiatkowska (On Quantitative Modelling and Verification of DNA Walker Circuits Using Stochastic Petri nets)

June 2015

Raymond Devillers
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