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# Application and Theory of Petri Nets

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# Preface

This volume constitutes the proceedings of the 33rd International Conference on Application and Theory of Petri Nets and Concurrency (PETRI NETS 2012). The Petri Net conferences serve as annual meeting places to discuss the progress in the field of Petri nets and related models of concurrency. They 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. The satellite program of the conference comprised five workshops, a Petri net course including tutorials and a model checking contest. PETRI NETS 2012 was co-located with the 12th International Conference on Application of Concurrency to System Design (ACSD 2012). The two conferences shared five invited speakers. The PETRI NETS 2012 conference was organized by the University of Hamburg. It took place in Hamburg, Germany, during June 25-29, 2012. We would like to express our deepest thanks to the Organizing Committee chaired by Daniel Moldt (Germany) for all the time and effort invested in the local organization of the conference.

This year the number of submitted papers amounted to 55, which included 48 full papers and 7 tool papers. The authors of the papers represented 25 different countries. We thank all the authors who submitted papers. Each paper was reviewed by at least four referees. The Program Committee (PC) meeting took place electronically, using the EasyChair conference system for the paper selection process. The PC selected 21 papers: 18 regular papers and 3 tool papers for presentation. After the conference, some authors were invited to publish an extended version of their contribution in 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. Finally, we are grateful to the invited speakers for their contribution: Tony Hoare, Alain Finkel, Bart Jacobs, Joost-Pieter Katoen and Jens Spars. The Springer LNCS Team and the EasyChair system provided high-quality support in the preparation of this volume.

April 2012

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