

Preface

This volume contains the proceedings of the 23rd International Conference on Application and Theory of Petri Nets. The aim of the Petri net conferences is to create a forum for discussing progress in the application and theory of Petri nets. Typically, the conferences have 100-150 participants – one third of these coming from industry while the rest are from universities and research institutions. The conferences always take place in the last week of June.

The conference and a number of other activities are co-ordinated by a steering committee with the following members: G. Balbo (Italy), J. Billington (Australia), G. De Michelis (Italy), S. Haddad (France), K. Jensen (Denmark), S. Kumagai (Japan), T. Murata (USA), C.A. Petri (Germany; honorary member), W. Reisig (Germany), G. Rozenberg (The Netherlands; chairman), and M. Silva (Spain).

Other activities before and during the 2002 conference included tool demonstrations, extensive introductory tutorials, two advanced tutorials on “Workflow Management: Models, Methods, and Systems” and “Model Checking”, and two workshops on “Software Engineering and Formal Methods” and “Formal Methods Applied to Defence Systems”. The tutorial notes and workshop proceedings are not published in this volume, but copies are available from the organizers. The proceedings can be found at <http://www.jrpit.flinders.edu.au/CRPIT.html>.

The 2002 conference was organized by the Computer Systems Engineering Centre, School of Electrical and Information Engineering at the University of South Australia, Adelaide, Australia with assistance from the Department of Computer Science, Adelaide University, Adelaide, Australia. We would like to thank the members of the organizing committee (see next page) and their teams.

We would like to thank very much all those who submitted papers to the Petri net conference. We received a total of 45 submissions from 18 different countries. This volume comprises the papers that were accepted for presentation. Invited lectures were given by W. van der Aalst, J. Desel, I. Hayes, C. Lakos, P.S. Thiagarajan, and A. Yakovlev (whose papers are included in this volume).

The submitted papers were evaluated by a program committee. The program committee meeting took place in Edinburgh, Scotland. We would like to express our gratitude to the members of the program committee, and to all the referees who assisted them. The names of these are listed on the following pages.

We would like to acknowledge the local support of Marco Kick, Bill Orrok, and Claus Schröter. Finally, we would like to mention the excellent co-operation with Springer-Verlag during the preparation of this volume.

Organizing Committee

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Robin King	Laure Petrucci
Lars Michael Kristensen	

Tools Demonstration

Lars Michael Kristensen (chair)

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Referees

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Paolo Ciancarini	Rossano Gaeta	Maciej Koutny

K Narayan Kumar	Olli-Matti Penttinen	Ichiro Suzuki
Johan Lilius	Laure Petrucci	Maciej Szreter
Lin Liu	Agata Pórola	Cecile Bui Thanh
Louise Lorentsen	Lucia Pomello	P.S. Thiagarajan
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Toshiyuki Miyamoto	Elvinia Riccobene	Kimmo Varpaaniemi
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