

# Preface

This volume contains the proceedings of the 22nd 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.

This year the conference was organized jointly with the 2nd International Conference on Application of Concurrency to System Design (ICACSD 2001). The two conferences shared the invited lectures and the social program.

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), C. Girault (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 2001 conference included tool demonstrations, a meeting on “XML Based Interchange Formats for Petri Nets”, extensive introductory tutorials, two advanced tutorials on “Probabilistic Methods in Concurrency” and “Model Checking”, and two workshops on “Synthesis of Concurrent Systems” and “Concurrency in Dependable Computing”. The tutorial notes and workshop proceedings are not published in these proceedings, but copies are available from the organizers.

The 2001 conference was organized by the Department of Computing Science at the University of Newcastle upon Tyne, United Kingdom. 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 48 submissions from 21 different countries. This volume comprises the papers that were accepted for presentation. Invited lectures were given by S. Donatelli, R. Milner, and M. Nielsen (whose papers are included in this volume), and G. Holzmann, J. Kramer, and A. Sangiovanni-Vincentelli (whose papers are included in the proceedings of ICACSD 2001).

The submitted papers were evaluated by a program committee. The program committee meeting took place in Newcastle upon Tyne, United Kingdom. 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.

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Maciej Koutny  
José-Manuel Colom

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