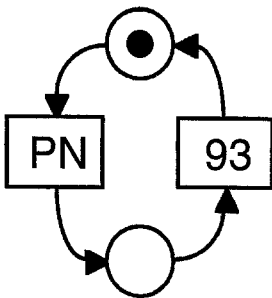


Marco Ajmone Marsan (Ed.)

Application and Theory of Petri Nets 1993

14th International Conference
Chicago, Illinois, USA, June 21-25, 1993
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Preface

This volume contains the proceedings of the 14th 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 150-200 participants, one third of whom come from industry, while the rest are from universities and research institutions. The conferences always take place in the last week of June. The previous conferences were held in: Strasbourg, France (1980), Bad Honnef, Germany (1981), Varenna, Italy (1982), Toulouse, France (1983), Aarhus, Denmark (1984), Espoo, Finland (1985), Oxford, United Kingdom (1986), Zaragoza, Spain (1987), Venice, Italy (1988), Bonn, Germany (1989), Paris, France (1990), Aarhus, Denmark (1991), Sheffield, United Kingdom (1992).

The conferences and a number of other Petri net activities are coordinated by a steering committee with the following members: M.Ajmone Marsan (Italy), J.Billington (Australia), H.J.Genrich (Germany), C.Girault (France), K.Jensen (Denmark), G.de Michelis (Italy), T.Murata (USA), C.A.Petri (Germany; honorary member), W.Reisig (Germany), G.Roucairol (France), G.Rozenberg (The Netherlands; chairman), M.Silva (Spain).

This 14th conference is organized for the first time in the United States, in Chicago. In addition to the conference, an exhibition of Petri net tools, and several tutorial lectures (both at the introductory and at a more advanced level), are organized.

The number of submissions this year reached the record level of 102; 26 submissions were accepted for presentation as regular papers, and 6 as project papers. Invited lectures are given by C.A. Ellis (USA), M.Silva (Spain), and K.S.Trivedi (USA).

The submitted papers were evaluated by a programme committee with the following members: M.Ajmone Marsan (Italy; chairman), E.Best (Germany), J.Billington (Australia), M.Diaz (France), S.Donatelli (Italy), C.Girault (France), K.Jensen (Denmark), H.C.M.Kleijn (The Netherlands), B.Krogh (USA), A.Mazurkiewicz (Poland), J.F.Meyer (USA), M.Molloy (USA), T.Murata (USA), G.Nutt (USA), K.Onaga (Japan), L.Pomello (Italy), W.Reisig (Germany), M.Silva (Spain), P.S.Thiagarajan (India), W.M.Zuberek (Canada). The programme committee meeting took place at Politecnico di Torino in Italy.

I should like to express my gratitude to all authors of submitted papers, to the members of the programme committee, and to all the referees who assisted them. The names of the referees are listed in the following page. A special thanks goes to Susanna Donatelli, whose help was crucial in the automation of the process for the management of submissions.

For the local organization of the conference in Chicago, all of us should be thankful to T.Murata, S.Shatz, and U.Buy. The support received from the following corporate sponsors: Bull Information Systems, Inc., Fujitsu Network Transmission Systems, Inc., Hitachi Software Engineering Co., Ltd., and SUN Microsystems, is gratefully acknowledged. Finally, I should like to mention the excellent cooperation with Springer-Verlag in the preparation of these proceedings.

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