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Preface

This volume contains the proceedings of the 26th International Conference on Application and Theory of Petri Nets and Other Models of Concurrency (ICATPN 2005). The Petri net conferences serve to discuss yearly progress in the field of Petri nets and related models of concurrency, and to foster new advances in the application and theory of Petri nets. The conferences typically have 100–150 participants, one third from industry and the others from universities and research institutions, and they always take place in the last week of June. Successive editions of the conference are coordinated by the Steering Committee, whose members are listed on the next page, which also supervises several other activities—see the Petri Nets World at the URL `www.daimi.au.dk/PetriNets`.

The 2005 conference was organized in Miami by the School of Computer Science at Florida International University (USA). We would like to express our deep thanks to the Organizing Committee, chaired by Xudong He, for the time and effort invested to the benefit of the community in making the event successful. Several tutorials and workshops were organized within the conference, covering introductory and advanced aspects related to Petri nets. Detailed information can be found at the conference URL `www.cs.fiu.edu/atpn2005`.

We received altogether 71 submissions from authors in 22 countries. Two submissions were not in the scope of the conference. The Program Committee selected 23 contributions from the remaining 69 submissions, classified into three categories: application papers (6 accepted, 25 submitted), theory papers (14 accepted, 40 submitted), and tool presentations (3 accepted, 4 submitted). We thank all authors who submitted papers. We would like to express our gratitude to the members of the Program Committee and the other reviewers for the extensive, careful evaluation efforts they performed before the Program Committee meeting in Rennes; their names are listed on the next two pages. We also gratefully acknowledge Martin Karusseit, of the University of Dortmund, for his technical support with the Online Conference Service, which relieved many administrative tasks in the management of the review process.

This volume contains the papers that were presented at the conference after selection by the Program Committee, plus a few other papers that summarize invited lectures given at the conference. The invited papers included in this volume reflect the lectures given by Giuliana Franceschinis, Ken McMillan, Manuel Silva, and Jeannette Wing. Two more lectures were delivered at the conference: *New Dimensions for Nets* by Carl Adam Petri, and *Processes for a Service Oriented World* by Francisco Curbera. We are much indebted to Springer for smoothing all difficulties in the preparation of this volume.

April 2005 Gianfranco Ciardo and Philippe Darondeau

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