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Formal Techniques for Networked and Distributed Systems – FORTE 2004

24th IFIP WG 6.1 International Conference
Madrid, Spain, September 27-30, 2004
Proceedings



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Preface

This volume contains the proceedings of the 24th IFIP TC 6/WG 6.1 International Conference on Formal Techniques for Networked and Distributed Systems (FORTE 2004), held in Madrid, Spain, September 27–30, 2004. FORTE denotes a series of international working conferences on formal description techniques applied to computer networks and distributed systems. The conference series started in 1981 under the name PSTV. In 1988 a second series under the name FORTE was set up. Both series were united to FORTE/PSTV in 1996. Three years ago the conference name was changed to its current form. The last five meetings of this well-established conference series were held in Beijing, China (1999), Pisa, Italy (2000), Cheju Island, Korea (2001), Houston, USA (2002), and Berlin, Germany (2003).

The scope of the papers presented at FORTE 2004 covered semantic models and application of formal description languages (in particular, automata and Petri Nets), as well as the verification and testing of communication and distributed systems. The conference was preceded by 2 half-day tutorials by Roberto Gorrieri and Farn Wang. The proceedings contain the 20 regular papers accepted and presented at the conference. They were selected from 54 submitted papers in a careful selection procedure based on the assessment of three referees for each paper. The proceedings also include the papers contributed by the three invited speakers: Martín Abadi, Tommaso Bolognesi, and Juan Quemada.

FORTE 2004 was organized under the auspices of IFIP TC 6 by Universidad Complutense de Madrid. We would like to express our gratitude to the numerous people who contributed to the success of FORTE 2004. The reviewing process was one of the major efforts during the preparation of the conference, including not only PC members but additional reviewers. Finally, we would like to thank the local organizers for the excellent running of the conference. In particular, Luis Llana (as Web master), Natalia López (as organizing chair), and Fernando Rubio (as publicity chair) deserve a special mention. Last, but not least, we are in debt to Richard van de Stadt, the author of CyberChair, the tool we used to deal with the whole organization process.

We would like to mention that this is the first time that FORTE had three colocated workshops:

- TheFormEMC: 1st International Workshop on Theory Building and Formal Methods in Electronic/Mobile Commerce
- EPEW: 1st European Performance Engineering Workshop
- ITM: 1st International Workshop on Integration of Testing Methodologies

The proceedings of these workshops, which took place on the 1st and 2nd of October in Toledo, are also published by Springer in the LNCS series.

September 2004

David de Frutos-Escrig
Manuel Núñez

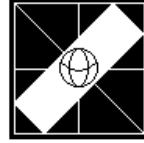
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We want to express our gratitude for the collaboration of the former members of the Steering Committee: Ed Brinksma, Stan Budkowski, Elie Najm, and Richard Tenney.

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