
**FORMAL TECHNIQUES FOR NETWORKED
AND DISTRIBUTED SYSTEMS**

IFIP - The International Federation for Information Processing

IFIP was founded in 1960 under the auspices of UNESCO, following the First World Computer Congress held in Paris the previous year. An umbrella organization for societies working in information processing, IFIP's aim is two-fold: to support information processing within its member countries and to encourage technology transfer to developing nations. As its mission statement clearly states,

IFIP's mission is to be the leading, truly international, apolitical organization which encourages and assists in the development, exploitation and application of information technology for the benefit of all people.

IFIP is a non-profitmaking organization, run almost solely by 2500 volunteers. It operates through a number of technical committees, which organize events and publications. IFIP's events range from an international congress to local seminars, but the most important are:

- The IFIP World Computer Congress, held every second year;
- open conferences;
- working conferences.

The flagship event is the IFIP World Computer Congress, at which both invited and contributed papers are presented. Contributed papers are rigorously refereed and the rejection rate is high.

As with the Congress, participation in the open conferences is open to all and papers may be invited or submitted. Again, submitted papers are stringently refereed.

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Publications arising from IFIP events vary. The papers presented at the IFIP World Computer Congress and at open conferences are published as conference proceedings, while the results of the working conferences are often published as collections of selected and edited papers.

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FORMAL TECHNIQUES FOR NETWORKED AND DISTRIBUTED SYSTEMS

FORTE 2001

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Contents

Preface	xi
Program Committee and Reviewers	xiii

Part One

FORMAL METHODS IN SOFTWARE DEVELOPMENT I

1. Automated Derivation of ILP Implementations from SDL Specifications <i>S. Twarok, P. Langendoerfer and H. Koenig</i>	3
2. Stepwise Design with Message Sequence Charts <i>F. Khendek, S. Bourduas and D. Vincent</i>	19
3. Formal Synthesis and Control of Soft Embedded Real-Time Systems <i>P.-A. Hsiung</i>	35

Part Two

DISTRIBUTED SYSTEMS TESTING

4. Towards a Formal Framework for Interoperability Testing <i>C. Viho, S. Barbin and L. Tanguy</i>	53
5. Distributed Test using Logical Clock <i>Y. J. Choi, H. Y. Youn, S. Seol and S. J. Yoo</i>	69
6. Diagnosing Multiple Faults in Communicating Finite State Machines <i>K. El-Fakih, N. Yevtushenko and G. v. Bochmann</i>	85
7. From Active to Passive : Progress in Testing of Internet Routing Protocols <i>J. Wu, Y. Zhao and X. Yin</i>	101

Part Three

TIMED AUTOMATA

8. Time and Action Lock Freedom Properties for Timed Automata <i>H. Bowman</i>	119
---	-----

9. Compiling Real-Time Scenarios into a Timed Automaton 135
A. Salah, R. Dssouli and G. Lapalme
10. Deriving Parameter Conditions for Periodic Timed Automata 151
 Satisfying Real-Time Temporal Logic Formulas
A. Nakata and T. Higashino

Part Four

PROCESS ALGEBRA

11. PAMR: A Process Algebra for the Management of 169
 Resources in Concurrent Systems
M. Núñez and I. Rodriguez
12. A Symbolic Semantics and Bisimulation for Full LOTOS 185
M. Calder and C. Shankland
13. Implementing a Modal Logic over Data and Processes using XTL 201
J. Bryans and C. Shankland

Part Five

APPLICATIONS OF VERIFICATION

14. Formal Verification of Peephole Optimizations in 219
 Asynchronous Circuits
X. Kong and R. Negulescu
15. Symbolic Verification of Complex Real-Time Systems with 235
 Clock-Restriction Diagram
F. Wang
16. Verifying a Sliding Window Protocol using PVS 251
V. Rusu

Part Six

TEST SEQUENCE DERIVATION

17. Test Sequence Selection 269
D. Lee and R. Hao
18. Executable Test Sequence for the Protocol Data Flow Property 285
W.-H. Chen

19. A Method to Generate Conformance Test Sequences for FSM with Timer System Call 301
T. Mori, K. Tokuda, H. Tada, M. Higuchi and T Higashino

Part Seven

FORMAL METHODS IN SOFTWARE DEVELOPMENT II

20. A Tool for Generating Specifications from a Family of Formal Requirements 319
J. Brederke
21. Patterns and Rules for Behavioural Subtyping 335
H. Wehrheim

Part Eight

THEORIES OF VERIFICATION

22. Verification of Dense Time Properties using Theories of Untimed Process Algebra 353
M. Luukkainen
23. Testing Liveness Properties: Approximating Liveness Properties by Safety Properties 369
U. Ultes-Nitsche and S. St James
24. SVL: A Scripting Language for Compositional Verification 377
H. Garavel and F. Lang

Part Nine

INVITED PAPERS

25. On Formal Techniques in Protocol Engineering – Example Challenges 395
D. Bjørner
26. A PKI-Based End-to-End Secure Infrastructure for Mobile E-Commerce 421
T.-W. Cheung and S. T. Chanson
27. A Family of Resource-Bound Real-Time Process Algebras 443
I. Lee, J.-Y. Choi, H. H. Kwak, A. Philippou and O. Sokolsky
28. Survivability Analysis of Networked Systems 459
J. M. Wing
- Erratum to: Formal Techniques for Networked and Distributed Systems E1
M. Kim, B. Chin, S. Kang and D. Lee

Preface

FORTE 2001, formerly FORTE/PSTV conference, is a combined conference of FORTE (Formal Description Techniques for Distributed Systems and Communication Protocols) and PSTV (Protocol Specification, Testing and Verification) conferences. This year the conference has a new name FORTE (Formal Techniques for Networked and Distributed Systems). The previous FORTE began in 1989 and the PSTV conference in 1981. Therefore the new FORTE conference actually has a long history of 21 years.

The purpose of this conference is to introduce theories and formal techniques applicable to various engineering stages of networked and distributed systems and to share applications and experiences of them. This FORTE 2001 conference proceedings contains 24 refereed papers and 4 invited papers on the subjects. We regret that many good papers submitted could not be published in this volume due to the lack of space.

FORTE 2001 was organized under the auspices of IFIP WG 6.1 by Information and Communications University of Korea. It was financially supported by Ministry of Information and Communication of Korea.

We would like to thank every author who submitted a paper to FORTE 2001 and thank the reviewers who generously spent their time on reviewing. Special thanks are due to the reviewers who kindly conducted additional reviews for rigorous review process within a very short time frame. We would like to thank Prof. Guy Leduc, the chairman of IFIP WG 6.1, who made valuable suggestions and shared his experiences for conference organization.

This year we have seen exceptionally concerted efforts of the program committee to make FORTE 2001 a successful conference. We thank each one of the program committee for their contribution and cooperation. The enthusiasm and dedication the program committee showed has made us believe that FORTE will remain a prestigious conference with quality and distinction for a long time in the future.

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