

# Preface

The Foundations of Software Technology and Theoretical Computer Science conference (FST TCS) is a well-established annual event in the theoretical computer science community. The conference provides a forum for researchers to present interesting new results in several areas of theoretical computer science. The conference is now in its twentieth year and has continued to attract high-quality submissions and reputed invited speakers.

This year's conference attracted 141 submissions (of which 5 were withdrawn) from over 25 countries. Each submission was reviewed by at least three referees, with most receiving more than four reviews. The Program Committee met in New Delhi on 5 and 6 August 2000, with many members participating electronically over the Internet. The discussions continued over the Internet for several days and we finally selected 36 papers for presentation at the conference and inclusion in the proceedings. We thank the Program Committee for their superlative efforts in finding top quality reviewers and working extremely hard to ensure the quality of the conference. We also thank all our reviewers for providing detailed and informative feedback about the papers. Rich Gerber's START program greatly simplified managing the submissions and the PC work.

We are grateful to our six invited speakers, Peter Buneman, Bernard Chazelle, Allen Emerson, Martin Grötschel, José Meseguer, and Philip Wadler for agreeing to speak at the conference and for providing written contributions that are included in the proceedings.

With the main conference this year, there are two satellite workshops — on *Recent Advances in Programming Languages* and on *Computational Geometry*.

FST TCS is being hosted this year by the Indian Institute of Technology, Delhi, after a hiatus of eight years. We thank the Organizing Committee for their efforts and several others who have been generous with their time and energy in assisting us — Mohammed Sarwat, Kunal Talwar, Surender Baswana, Rohit Khandekar, and Harsh Nanda, in particular.

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We also thank the staff at Springer-Verlag, especially Alfred Hofmann, for making the production of these proceedings flow very smoothly.

December 2000

Sanjiv Kapoor  
Sanjiva Prasad

# Organization

FST TCS 2000 is organized by the Department of Computer Science, IIT Delhi, under the aegis of the Indian Association for Research in Computer Science (IARCS).

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