Preface

This volume contains the proceedings of the 10th ISAAC conference (Tenth Annual International Symposium on Algorithms And Computation) held in Chennai, India. This year's conference attracted 71 submissions from as many as 17 different countries. Each submission was reviewed by at least three independent referees. After a week-long e-mail discussion, the program committee agreed to include 40 papers in the conference program. The high acceptance rate is clearly an indication of the quality of the papers received. We thank the program committee members and the reviewers for their sincere efforts.

We were fortunate to have three invited speakers this year, providing for a very attractive program: Kurt Mehlhorn (MPI, Saarbrücken, Germany), Eva Tardos (Cornell University, U.S.A.), and Kokichi Sugihara (Univ. of Tokyo, Japan). Moreover, the conference was preceded by a tutorial on a cutting-edge area, Web Algorithmics by Monika Henzinger (Compaq Systems Research Center, Palo Alto, U.S.A.) as a joint event with FST&TCS 99 (Foundations of Software Technology and Theoretical Computer Science, December 13-15, 1999, Chennai). As a post conference event, a two-day workshop on Approximate Algorithms by R.Ravi (CMU, U.S.A.) and Naveen Garg (IIT, Delhi) was organized. We thank all the invited speakers and special event speakers for agreeing to participate in ISAAC'99.

This year is a special year for the organizing institute Indian Institute of Technology, Madras and for the Computer Science and Engineering department at IIT, Madras; IIT is celebrating its 40th anniversary and it is the Silver Jubilee year for the CSE department. The CSE department at IIT is proud to host this prestigious conference and the allied events. We thank the Director of IIT, Madras, Prof. R. Natarajan, for making available the facilities of the institute for ISAAC related events. Several private companies and educational trusts came forward to extend financial support for ISAAC'99. The generous support from IBM Solutions Research Centre, New Delhi, Jeppiar Educational Trust, Chennai, Jaya Educational Trust, Chennai, Philips Software Centre Pvt. Ltd, Bangalore, Digital and Analog Computing Services (DACS), Bangalore are greatfully acknowledged. The IIT Madras Alumni Association in North America has contributed towards subsidized stay and travel expenses for several Indian participants, enabling them to attend ISAAC'99. We thank the members of organizing committee for making it happen. Special thanks go to the staff of our Institute and to Alfred Hoffman of Springer-Verlag for help with the proceedings.

October 1999   Alok Aggarwal
                                                 C. Pandu Rangan

Tenth Annual International Symposium on Algorithms And Computation
ISAAC'99
December 16-18, 1999, Chennai, India

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