Foreword

This volume contains the papers presented at the Third Israel Symposium on the Theory of Computing and Systems (ISTCS), held in Tel Aviv, Israel, on January 4–6, 1995. Fifty five papers were submitted in response to the Call for Papers, and twenty seven of them were selected for presentation. The selection was based on originality, quality and relevance to the field. The program committee is pleased with the overall quality of the accepted papers and, furthermore, feels that many of the papers not used were also of fine quality.

The papers included in this proceedings are preliminary reports on recent research and it is expected that most of these papers will appear in a more complete and polished form in scientific journals. The proceedings also contains one invited paper by Pavel Pevzner and Michael Waterman.

The program committee thanks our invited speakers, Robert J. Aumann, Wolfgang Paul, Abe Peled, and Avi Wigderson, for contributing their time and knowledge. We also wish to thank all who submitted papers for consideration, as well as the many colleagues who contributed to the evaluation of the submitted papers. The latter include:

- Noga Alon
- Hagit Attiya
- Yossi Azar
- Ayal Bar-David
- Reuven Bar-Yehuda
- Shai Ben-David
- Allan Borodin
- Dorit Dor
- Alon Efrat
- Jack Feldman
- Nissim Francez
- Nita Goyal
- Vassos Hadzilacos
- Johan Hastad
- Alon Itai
- Roni Kay
- Evey Kosman
- Ami Litman
- Johan Makowsky
- Yishay Mansour
- Akin Mayer
- Mike Molloy
- Yoram Moses
- Dalit Naor
- Seffi Naor
- Noam Nisan
- Yuri Rabinovich
- Günter Rote
- Eric Schenk
- Baruch Schieber
- Assaf Schuster
- Nir Shavit
- Richard Statman
- Ray Strong
- Eli Upfal
- Moshe Vardi
- Orli Waarts
- Ed Wimmers
- Shmuel Zaks
- Uri Zwick

The work of the program committee has been facilitated thanks to software developed by Rob Schapire and FOCS/STOC program chairs.

Finally, we thank all the organizations and individuals that have helped make this symposium successful. Special thanks are due to Tel Aviv University for its key role in organizing the symposium.

- Amotz Bar-Noy
- David Peleg, Chair
- Faith Fich
- Ron Roth
- Tamar Flash
- Jeanette Schmidt
- Orna Grumberg
- Ron Shamir
- Joseph Halpern
- Micha Sharir
- Shmuel Klein
- Oded Shmueli
- Nati Linial
- Mike Sipser
- Moni Naor
- Avi Wigderson

— the program committee of ISTCS'95