

Preface

The Workshop on *Approximation Algorithms for Combinatorial Optimization Problems* **APPROX'98** focuses on algorithmic and complexity aspects arising in the development of efficient approximate solutions to computationally difficult problems. It aims, in particular, at fostering cooperation among algorithmic and complexity researchers in the field. The workshop, to be held at the University of Aalborg, Denmark, on July 18 - 19, 1998, co-locates with ICALP'98. We would like to thank the organizer of ICALP'98, Kim Larsen, for this opportunity. A previous event in Europe on approximate solutions of hard combinatorial problems consisting in a school followed by a workshop was held in Udine (Italy) in 1996.

Topics of interest for APPROX'98 are: design and analysis of approximation algorithms, inapproximability results, on-line problems, randomization techniques, average-case analysis, approximation classes, scheduling problems, routing and flow problems, coloring and partitioning, cuts and connectivity, packing and covering, geometric problems, network design, and various applications. The number of submitted papers to APPROX'98 was 37. Only 14 papers were selected. This volume contains the selected papers plus papers by invited speakers. All papers published in the workshop proceedings were selected by the program committee on the basis of referee reports. Each paper was reviewed by at least three referees who judged the papers for originality, quality, and consistency with the topics of the conference.

We would like to thank all authors who responded to the call for papers and our invited speakers: Magnús M. Halldórsson (Reykjavik), David B. Shmoys (Cornell), and Vijay V. Vazirani (Georgia Tech). Furthermore, we thank the members of the program committee:

- Ed Coffman (Murray Hill),
- Pierluigi Crescenzi (Florence),
- Ulrich Faigle (Enschede),
- Michel X. Goemans (Louvain and Cambridge),
- Peter Gritzmann (München),
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- Jose D.P. Rolim (Geneva, chair),
- Andreas Schulz (Berlin),
- David B. Shmoys (Cornell),
- Jan van Leeuwen (Utrecht).

and the reviewers Susanne Albers, Abdel-Krim Amoura, Gunnar Andersson, Christer Berg, Ioannis Caragiannis, Dietmar Cieslik, A. Clementi, Artur Czumaj, Elias Dahlhaus, A. Del Lungo, Martin Dyer, Lars Engebretsen, Thomas Erlebach, Uriel Feige, Stefan Felsner, Rudolf Fleischer, Andras Frank, R. Grossi, Joachim Gudmundsson, Dagmar Handke, Stephan Hartmann, Dorit S. Hochbaum, J.A. Hoogeveen, Sandra Irani, Jesper Jansson, Mark Jerrum, David Johnson, Christos Kaklamanis, Hans Kellerer, Samir Khuller, Ekkehard Köhler, Stefano Leonardi, Joseph S. B. Mitchell, Rolf H. Möhring, S. Muthu Muthukrishnan, Petra Mutzel, Giuseppe Persiano, Joerg Rambau, Ramamoorthi Ravi, Ingo Schiermeyer, Martin Skutella, Roberto Solis-Oba, Frederik Stork, Ewald Speckemeyer, C.R. Subramanian, Luca Trevisan, Denis Trystram, John Tsitsiklis, Marc Uetz, Hans-Christoph Wirth, Gerhard Woeginger, Martin Wolff, Alexander Zelikovsky, and Uri Zwick.

We gratefully acknowledge sponsorship from the Max-Planck-Institute for Computer Science Saarbrücken (AG 1, Prof. Mehlhorn), ALCOM-IT Algorithms and Complexity in Information Technology, and Siemens GmbH. We also thank Luca Gambardella, the research institute IDSIA Lugano, Alfred Hofmann, Anna Kramer, and Springer-Verlag for supporting our project.

May 1998

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Approximation Algorithms for Combinatorial Optimization
International Workshop APPROX'98, Aalborg, Denmark,
July 18-19, 1998, Proceedings
Jansen, K.; Rolim, J. (Eds.)
1998, IX, 207 p., Softcover
ISBN: 978-3-540-64736-2