

Camil Demetrescu (Ed.)

Experimental Algorithms

6th International Workshop, WEA 2007
Rome, Italy, June 6-8, 2007
Proceedings



Springer

Volume Editor

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Library of Congress Control Number: 2007927502

CR Subject Classification (1998): F.2.1-2, E.1, G.1-2, I.3.5, I.2.8

LNCS Sublibrary: SL 1 – Theoretical Computer Science and General Issues

ISSN 0302-9743
ISBN-10 3-540-72844-9 Springer Berlin Heidelberg New York
ISBN-13 978-3-540-72844-3 Springer Berlin Heidelberg New York

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© Springer-Verlag Berlin Heidelberg 2007
Printed in Germany

Typesetting: Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India
Printed on acid-free paper SPIN: 12070992 06/3180 5 4 3 2 1 0

Preface

This volume contains the papers presented at the 6th Workshop on Experimental Algorithms (WEA 2007), held at the School of Engineering of the University of Rome “La Sapienza” on June 6–8, 2007. The conference is devoted to fostering and disseminating high quality research results focused on the experimental analysis of algorithms and aims at bringing together researchers from the computer science and operations research communities. Papers were solicited from all areas of algorithmic engineering research.

The preceding workshops were held in Riga (Latvia, 2001), Ascona (Switzerland, 2003), Angra dos Reis (Brazil, 2004), Santorini (Greece, 2005), and Menorca Island (Spain, 2006). The proceedings of the previous WEAs were published as Springer volumes LNCS 2138 (in conjunction with the 13th International Symposium on Fundamentals of Computation Theory, FCT 2001), LNCS 2647 (2003), LNCS 3059 (2004), LNCS 3503 (2005), and LNCS 4007 (2006).

The conference received 121 submissions. Each submission was reviewed by at least three program committee members and evaluated on its quality, originality, and relevance to the conference. Overall, the program committee wrote 440 reviews with the help of 100 trusted external referees. The committee selected 30 papers, leading to an acceptance rate of 24.8%. On average, the authors of each submitted paper received 800 words of comments. The decision process was made electronically using the EasyChair conference management system.

In addition to the accepted contributions, this volume also contains the invited lectures by Corinna Cortes (Google Research), Peter Sanders (Universität Karlsruhe), and Maria Serna (Universitat Politècnica de Catalunya).

We would like to thank all the authors who responded to the call for papers, the invited speakers, the members of the program committee, as well as the external referees and the organizing committee members.

We gratefully acknowledge support from the University of Rome “La Sapienza” and the University of Rome “Tor Vergata”.

April 2007

Camil Demetrescu

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