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WALCOM: Algorithms and Computation

5th International Workshop, WALCOM 2011
New Delhi, India, February 18-20, 2011
Proceedings

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ISSN 0302-9743 e-ISSN 1611-3349
ISBN 978-3-642-19093-3 e-ISBN 978-3-642-19094-0
DOI 10.1007/978-3-642-19094-0
Springer Heidelberg Dordrecht London New York

Library of Congress Control Number: 2010943241

CR Subject Classification (1998): F.2, G.2.1, G.2.2, G.4, I.1, I.3.5, E.1

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

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Typesetting: Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India

Printed on acid-free paper

Springer is part of Springer Science+Business Media (www.springer.com)

Preface

The fifth annual Workshop on Algorithms and Computation, WALCOM 2011, was held during February 18–20, 2011, at the Indian Institute of Technology, Delhi, India. The workshop covered a diverse range of topics in theoretical computer science, which included approximation algorithms, computational geometry, data-structures, graph algorithms, string algorithms and algorithm engineering. The workshop was jointly organized by the Indian Institute of Technology, Delhi, and the University of Delhi.

This volume contains 20 contributed papers and three invited papers presented at WALCOM 2011. The workshop received 57 submissions from 23 countries. These submissions were rigorously refereed by the Program Committee, with each submission getting at least four reviews. The invited talks were delivered by Tamal Dey, Ken-ichi Kawarabayashi and Kurt Mehlhorn.

We would like to thank the authors for contributing high-quality research papers to the workshop. Our heartfelt thanks to members of the Program Committee and the external referees for their effort in reviewing the papers and making sure that the selection process remained highly competitive. We thank the invited speakers, who happen to be eminent researchers in their areas of expertise, for delivering wonderful talks, and encouraging research in these fields. We also thank the Organizing Committee, headed by Naveen Garg and Neelima Gupta, for smoothly running the conference. Thanks to Ragesh Jaiswal, the Treasurer of WALCOM 2011, and Sandeep Sen for their help and support. We also thank the Advisory Committee and the Steering Committee for supporting us during the entire process of organizing this workshop. We sincerely thank C. Pandu Rangan, Subhas Nandy and Md. Saidur Rahman for encouraging us and providing invaluable advice.

We thank Springer for publishing the proceedings in the prestigious *Lecture Notes in Computer Science* series. We also thank our sponsors for the generous support. This year's WALCOM has been supported by IIT Delhi as one of the events of their year-long *Golden Jubilee* celebrations marking completion of 50 years of the institute. Finally, we would like to thank the EasyChair conference management system for providing such a wonderful platform for running the selection process.

December 2010

Naoki Katoh
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