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WALCOM: Algorithms and Computation

6th International Workshop, WALCOM 2012
Dhaka, Bangladesh, February 15-17, 2012
Proceedings

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Preface

WALCOM 2012, the 6th International Workshop on Algorithms and Computation, was held during February 15–17, 2012, at Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh. The workshop covered diverse areas of algorithms and computation, namely, algorithmic game theory, approximation algorithms, computational geometry, combinatorial optimization, cryptography, data structures, graph algorithms, graph drawing, parameterized complexity, and string algorithms. The workshop was organized jointly by the Bangladesh Academy of Sciences (BAS) and the Department of Computer Science and Engineering, BUET, and the quality of the workshop was ensured by a Program Committee comprising 25 researchers of international repute from Bangladesh, Canada, Germany, Greece, Hong Kong, India, Italy, Japan, Korea, The Netherlands, Taiwan and USA.

This volume contains 20 contributed papers and three invited papers presented at WALCOM 2012. The Program Committee thoroughly reviewed each of the 50 submissions from 17 countries and accepted 20 of them for presentation at the workshop after elaborate discussions on review reports. The image of the workshop was highly enhanced by the three invited talks of eminent and well-known researchers Kazuo Iwama of Kyoto University, Japan, Sue Whitesides of University of Victoria, Canada, and Peter Widmayer of ETH, Zurich, Switzerland.

As editors of this proceedings, we would like to thank all the authors who submitted their papers to WALCOM 2012. We also thank the members of the Program Committee and external reviewers for their hard work in reviewing the manuscripts. Our sincere appreciation goes to the invited speakers for joining us and delivering wonderful talks from which researchers of this field benefited immensely. We acknowledge the continuous encouragement of the Steering Committee members. We are indebted to the Advisory Committee members M. Shamsher Ali, S. M. Nazrul Islam, Naiyyum Choudhury and M. Habibur Rahman for their inspiring support to this workshop. We sincerely thank the Organizing Committee led by M. Kaykobad and Md. Monirul Islam for their excellent services that made the workshop a grand success. We thank M. A. Mazed and M. Sohel Rahman for their tireless effort.

We would like to thank Springer for publishing this proceedings in their prestigious LNCS series. We acknowledge the EasyChair conference management system for providing a beautiful platform for conference administration. Finally, we thank our sponsors for their assistance and support.

February 2012

Md. Saidur Rahman
Shin-ichi Nakano

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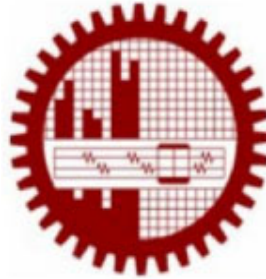
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