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Editors

Proceedings of the First
International Conference
on Advanced Data
and Information
Engineering (DaEng-2013)

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Preface

We are honored to be part of this special event in the First International Conference on Advanced Data and Information Engineering (DaEng-2013) together with Data Engineering Research Center. The Data Engineering Research Center is a non-profit organization devoted to promoting research and publication in fields of science and technology

The First International Conference on Advanced Data and Information Engineering which held in Kuala Lumpur, Malaysia during the period of December 16–18, 2013 has attracted 187 papers from 15 countries from all over the world. Each paper was peer reviewed by at least two members of the Program Committee. Finally, only 81 (43 %) papers with the highest quality were accepted for oral presentation and publication in these volume proceedings.

The papers in these proceedings are grouped into eight sections and two in conjunction workshops:

- Database Theory
- Data Warehousing and Mining
- Image and Video Processing
- Information Processing and Integration
- Information Retrieval and Visualization
- Information System
- Mobile, Network, Grid and Cloud Computing
- Web Data, Services and Intelligence
- Workshop on Recent Advances in Information Systems
- Workshop on Mining Educational Data for Effective Educational Resources.

On behalf of DaEng-2013, we would like to express our highest appreciation to be given the chance to do cooperation with Data Engineering Research Center for their support. Our special thanks go to the Steering Committee, General Chairs, Program Committee Chairs, Organizing Chairs, all Program and Reviewer Committee members, and all the additional reviewers for their valuable efforts in the review process that helped us to guarantee the highest quality of the selected papers for the conference.

We also would like to express our thanks to the two keynote speakers, Jason J. Jung from Yeungnam University and Palaiahnakote Shivakumara from University

of Malaya. Our thanks also go to Xiuqin Ma from Northwest Normal University for her willingness to deliver tutorial of world-class standard.

Our special thanks are due also to Ramesh Nath Premnath for publishing the proceeding in Lecture Notes in Electrical Engineering of Springer. We wish to thank the members of the Organizing and Student Committees for their very substantial work, especially those who played essential roles.

We cordially thank all the authors for their valuable contributions and other participants of this conference. The conference would not have been possible without them.

Tutut Herawan
Mustafa Mat Deris
Jemal H. Abawajy

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Workshop on Recent Advances in Information Systems

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Workshop on Mining Educational Data for Effective Educational Resources

Henda Chorfi
Hend Al-Khalifa
Muna Al-Razgan

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