

Preface

It is our great pleasure to introduce the proceedings of the 13th International Conference on Advanced Data Mining and Applications (ADMA). ADMA aims at bringing together data mining researchers from around the world, and also at providing a leading international forum for the dissemination of original data mining findings and practical data mining experience. Over the years, ADMA has grown to become a flagship conference in the field of data mining and applications.

There were 118 papers submitted to ADMA 2017. Each paper was assigned to at least three Program Committee members to review. All papers were rigorously reviewed and had at least three reviews. At the end, 20 papers were accepted as spotlight research papers with long presentation and 38 were accepted as regular research papers with short presentation, which include five application and case study papers. In addition, six research demonstration proposals were selected to be included in the proceedings. The conference program of ADMA 2017 was also complemented by three outstanding keynotes given by world-renowned experts, Ming-Syan Chen, Kyuseok Shim, and Anthony Tung, as well as an invited industry keynote talk session, delivered by several invited industry speakers. We would like to particularly thank the keynote speakers.

We would like to thank the Program Committee members and external reviewers for their time and comprehensive reviews and recommendations, which were crucial to the final paper selection and production of a high-quality technical program. The schedule of the reviewing process was extremely tight. The Program Committee members' tremendous efforts to complete the review reports before the deadline are greatly appreciated.

We would like to express our gratitude to all individuals, institutions, and sponsors that supported ADMA 2017. This high-quality program would not have been possible without the expertise and dedication of our Program Committee members. We are grateful to the general chairs, Aixin Sun and Hady Lauw, for their guidance and great efforts, the demonstration chairs, Zhifeng Bao and Xin Cao, for their tireless efforts, the publicity chairs, Ju Fan and Hongzhi Yin, for their work in attracting submissions, the publication chairs, Chenliang Li and Wei Emma Zhang, for their great efforts in compiling all accepted papers and working with the Springer team to produce the proceedings, the award chair, Xiaoli Li, the Web chair, Yihong Zhang, for managing the website, the special issue chairs, Michael Sheng and Xiuzhen Zhang, the local organization chairs, Zhen Hai and David Lo, for the local arrangements ensuring the conference runs smoothly, and the registration chair, Victor Chu, for handling the registration process. We would like to express our sincere thanks to Zhen Hai and Kaiqi Zhao for helping with scheduling the conference program, and to Chua Beng Lay Joanne and Boh-Nah Kiat Joo for their support in managing the conference account hosted in Nanyang Technological University. We would also like to thank the Organizing Committee of CIKM 2017 for their support. All of them helped make

ADMA 2017 a success. Furthermore, we would like to acknowledge the support of the members of the conference Steering Committee. Finally, we would like to thank all researchers, practitioners, and students who contributed with their work and participated in the conference.

We hope that participants in the conference and the readers of the proceedings will find the papers in the proceedings interesting and rewarding.

November 2017

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Advanced Data Mining and Applications

13th International Conference, ADMA 2017, Singapore,

November 5–6, 2017, Proceedings

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2017, XVII, 881 p. 264 illus., Softcover

ISBN: 978-3-319-69178-7