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Tru Cao · Ee-Peng Lim
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Advances in Knowledge Discovery and Data Mining

19th Pacific-Asia Conference, PAKDD 2015
Ho Chi Minh City, Vietnam, May 19–22, 2015
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Preface

After ten years since PAKDD 2005 in Ha Noi, PAKDD was held again in Vietnam, during May 19–22, 2015, in Ho Chi Minh City. PAKDD 2015 is the 19th edition of the Pacific-Asia Conference series on Knowledge Discovery and Data Mining, a leading international conference in the field. The conference provides a forum for researchers and practitioners to present and discuss new research results and practical applications.

There were 405 papers submitted to PAKDD 2015 and they underwent a rigorous double-blind review process. Each paper was reviewed by three Program Committee (PC) members in the first round and meta-reviewed by one Senior Program Committee (SPC) member who also conducted discussions with the reviewers. The Program Chairs then considered the recommendations from SPC members, looked into each paper and its reviews, to make final paper selections. At the end, 117 papers were selected for the conference program and proceedings, resulting in the acceptance rate of 28.9%, among which 26 papers were given long presentation and 91 papers given regular presentation.

The conference started with a day of six high-quality workshops. During the next three days, the Technical Program included 20 paper presentation sessions covering various subjects of knowledge discovery and data mining, three tutorials, a data mining contest, a panel discussion, and especially three keynote talks by world-renowned experts.

PAKDD 2015 would not have been so successful without the efforts, contributions, and supports by many individuals and organizations. We sincerely thank the Honorary Chairs, Phan Thanh Binh and Masaru Kitsuregawa, for their kind advice and support during preparation of the conference. We would also like to thank Masashi Sugiyama, Xuan-Long Nguyen, and Thorsten Joachims for giving interesting and inspiring keynote talks.

We would like to thank all the Program Committee members and external reviewers for their hard work to provide timely and comprehensive reviews and recommendations, which were crucial to the final paper selection and production of the high-quality Technical Program. We would also like to express our sincere thanks to the following Organizing Committee members: Xiaoli Li and Myra Spiliopoulou together with the individual Workshop Chairs for organizing the workshops; Dinh Phung and U Kang with the tutorial speakers for arranging the tutorials; Hung Son Nguyen, Nitesh Chawla, and Nguyen Duc Dung for running the contest; Takashi Washio and Jaideep Srivastava for publicizing to attract submissions and participants to the conference; Tran Minh-Triet and Vo Thi Ngoc Chau for handling the whole registration process; Tuyen N. Huynh for compiling all the accepted papers and for working with the Springer team to produce these proceedings; and Bich-Thuy T. Dong, Bac Le, Thanh-Tho Quan, and Do Phuc for the local arrangements to make the conference go smoothly.

We are grateful to all the sponsors of the conference, in particular AFOSR/AOARD (Air Force Office of Scientific Research/Asian Office of Aerospace Research and Development), for their generous sponsorship and support, and the PAKDD Steering

Committee for its guidance and Student Travel Award and Early Career Research Award sponsorship. We would also like to express our gratitude to John von Neumann Institute, University of Technology, University of Science, and University of Information Technology of Vietnam National University at Ho Chi Minh City and Japan Advanced Institute of Science and Technology for jointly hosting and organizing this conference. Last but not least, our sincere thanks go to all the local team members and volunteering helpers for their hard work to make the event possible.

We hope you have enjoyed PAKDD 2015 and your time in Ho Chi Minh City, Vietnam.

May 2015

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