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Advances in Multimedia Information Processing – PCM 2017

18th Pacific-Rim Conference on Multimedia
Harbin, China, September 28–29, 2017
Revised Selected Papers, Part II

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Preface

On behalf of the Organizing Committee, it is our great pleasure to welcome you to the proceedings of the 2017 Pacific-Rim Conference on Multimedia (PCM 2017). PCM serves as an international forum to bring together researchers and practitioners from academia and industry to discuss research on state-of-the-art Internet multimedia processing, multimedia service, analysis, and applications. PCM 2017 was the 18th in the series that has been held annually since 2000. In 2017, PCM was held in Harbin, China.

Consistent with previous editions of PCM, we prepared a very attractive technical program with two keynote talks, one best paper candidate session, nine oral presentation sessions, two poster sessions, and six oral special sessions. Moreover, thanks to the co-organization with IEEE CAS Beijing chapter, this year's program featured a panel session titled "Advanced Multimedia Technology." Social and intellectual interactions were enjoyed among students, young researchers, and leading scholars.

We received 264 submissions for regular papers this year. These submissions cover the areas of multimedia content analysis, multimedia signal processing and systems, multimedia applications and services, etc. We thank our 104 Technical Program Committee members for their efforts in reviewing papers and providing valuable feedback to the authors. From the total of 264 submissions and based on at least two reviews per submission, the Program Chairs decided to accept 48 oral papers (18.2%) and 96 poster papers, i.e., the overall acceptance ratio for regular paper is 54.9%. Among the 48 oral papers, two papers received the Best Paper and the Best Student Paper award. Moreover, we accepted six special sessions with 35 papers.

The technical program is an important aspect but only delivers its full impact if surrounded by challenging keynotes. We are extremely pleased and grateful to have two exceptional keynote speakers, Wenwu Zhu and Josep Lladós, accept our invitation and present interesting ideas and insights at PCM 2017. We would also like to express our sincere gratitude to all the other Organizing Committee members, the general chairs, Bing Zeng, Qingming Huang, and Abdulmotaleb El Saddik, the program chair, Hongliang Li, Shuqiang Jiang, and Xiaopeng Fan, the panel chairs, Zhu Li and Debin Zhao, the organizing chairs, Shaohui Liu, Liang Li, and Yan Chen, the publication chairs, Shuhui Wang and Wen-Huang Cheng, the sponsorship chairs, Wangmeng Zuo, Luhong Liang, and Ke Lv, the registration and finance chairs, Guorong Li and Weiqing Min, among others. Their outstanding effort contributed to this extremely rich and complex main program that characterizes PCM 2017. Last but not the least, we thank

all the authors, session chairs, student volunteers, and supporters. Their contributions are much appreciated.

We sincerely hope that you will enjoy reading the proceedings of PCM 2017.

September 2017

Bing Zeng
Qingming Huang
Abdulmoteleb El Saddik
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