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Richang Hong · Wen-Huang Cheng
Toshihiko Yamasaki · Meng Wang
Chong-Wah Ngo (Eds.)

Advances in Multimedia Information Processing – PCM 2018

19th Pacific-Rim Conference on Multimedia
Hefei, China, September 21–22, 2018
Proceedings, Part III

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Editors
Richang Hong
Hefei University of Technology
Hefei
China

Meng Wang
Hefei University of Technology
Hefei
China

Wen-Huang Cheng
National Chiao Tung University
Hsinchu
Taiwan

Chong-Wah Ngo
City University of Hong Kong
Hong Kong
Hong Kong, China

Toshihiko Yamasaki
University of Tokyo
Tokyo
Japan

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Preface

The 19th Pacific-Rim Conference on Multimedia (PCM 2018) was held in Hefei, China, during September 21–22, 2018, and hosted by the Hefei University of Technology (HFUT). PCM is a major annual international conference for multimedia researchers and practitioners across academia and industry to demonstrate their scientific achievements and industrial innovations in the field of multimedia.

It is a great honor for HFUT to host PCM 2018, one of the most longstanding multimedia conferences, in Hefei, China. Hefei University of Technology, located in the capital of Anhui province, is one of the key universities administrated by the Ministry of Education, China. Recently its multimedia-related research has attracted more and more attentions from local and international multimedia community. Hefei is the capital city of Anhui Province, and is located in the center of Anhui between the Yangtze and Huaihe rivers. Well known both as a historic site famous from the Three Kingdoms Period and the hometown of Lord Bao, Hefei is a city with a history of more than 2000 years. In modern times, as an important base for science and education in China, Hefei is the first and sole Science and Technology Innovation Pilot City in China, and a member city of WTA (World Technopolis Association). We hope that PCM 2018 is a memorable experience for all participants.

PCM 2018 featured a comprehensive program. We received 422 submissions to the main conference by authors from more than ten countries. These submissions included a large number of high-quality papers in multimedia content analysis, multimedia signal processing and communications, and multimedia applications and services. We thank our Technical Program Committee with 178 members, who spent much time reviewing papers and providing valuable feedback to the authors. From the total of 422 submissions, the program chairs decided to accept 209 regular papers (49.5%) based on at least three reviews per submission. In total, 30 papers were received for four special sessions, while 20 of them were accepted. The volumes of the conference proceedings contain all the regular and special session papers.

We are also heavily indebted to many individuals for their significant contributions. We wish to acknowledge and express our deepest appreciation to general chairs, Meng Wang and Chong-Wah Ngo; program chairs, Richang Hong, Wen-Huang Cheng and Toshihiko Yamasaki; organizing chairs, Xueliang Liu, Yun Tie and Hanwang Zhang; publicity chairs, Jingdong Wang, Min Xu, Wei-Ta Chu and Yi Yu, special session chairs, Zhengjun Zha and Liqiang Nie. Without their efforts and enthusiasm, PCM 2018 would not have become a reality. Moreover, we want to thank our sponsors: Springer, Anhui Association for Artificial Intelligence, Shandong Artificial Intelligence Institute, Kuaishou Co. Ltd., and Zhongke Leinao Co. Ltd. Finally, we wish to thank

all committee members, reviewers, session chairs, student volunteers, and supporters. Their contributions are much appreciated.

September 2018

Richang Hong
Wen-Huang Cheng
Toshihiko Yamasaki
Meng Wang
Chong-Wah Ngo

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