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MMAsia '21

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Program Chair: Prof. Tatsuya Harada, Prof. Jianfei Cai, Dr. Wu Liu, Prof. Dong Xu

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Preface

On behalf of the Organizing Committee, it is our great pleasure to welcome you to the 3rd ACM International Conference on Multimedia in Asia (MM Asia 2021). The first ACM Multimedia Asia conference puts together the long-lasting experience of former PCM and ICIMCS, which both have good history as well as attending experiences. Officially sponsored by ACM SIGMM, MM Asia is a newly established international conference to showcase the scientific achievements and industrial innovations in the multimedia field. Its mission is to illuminate the state of the art in multimedia computing by bringing together researchers and practitioners in this field.

In 2021, ACM Multimedia Asia is held in Gold Coast, Australia with an extensive program that includes technical sessions covering all aspects of the multimedia field in forms of oral, poster, and presentations, tutorials, panels, brave new idea, doctoral symposium, and grand challenge competitions. Conference registrants (both Full Registration and Non-paper Registration) have full access to all the above activities in the program. Due to the COVID-19 pandemic, it is held in a hybrid mode by offering both online and offline events. As brand-new session, a Twin-City (Gold Coast/Shenzhen) PhD school is held jointly, which targets research students and early career researchers interested in exploring emerging research topics in Multimedia.

Thanks to the efforts of our community, we have received 164 submissions to all tracks of the conference this year. These submissions cover widely in the areas of large-scale multimedia analysis and retrieval, multimedia systems and applications, multimedia communications and transmission, multimedia security and quality assessment, mobile multimedia computing, social multimedia analysis, computer vision/machine learning for multimedia application, and so on. We thank our 15 Area Chairs and 297 Technical Program Committee members who spent many efforts reviewing papers and providing valuable feedback to the authors. From the total of 104 regular submissions and based on at least three effective reviews per submission, the Program Chairs decided to accept 34 full papers (32.7%) as orals and 17 short papers (16.3%) as posters. For the short & demo track, 12 submissions (40%) are accepted as posters. Among the 34 oral papers, four papers are selected as the best paper candidate to compete for the Best Paper and the Best Paper Runner-up awards.

We would also like to express our sincere gratitude to all the other committee members, to help organize exciting sessions including panels, challenges, tutorials, brave new idea, doctorial symposium, and PhD school. Their contributions are much appreciated. It is their outstanding effort in preparing this rich and complex program that characterizes the first ACM Multimedia Asia conference.

We sincerely hope that you will enjoy your stay in Gold Coast or your virtual experience and value your participation in MM Asia 2021.

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