

Volume Editors

Xiangjian He

University of Technology, Sydney, Australia

E-mail: Xiangjian.He@uts.edu.au

Suhuai Luo

University of Newcastle, Australia

E-mail: Suhuai.Luo@newcastle.edu.au

Dacheng Tao

University of Technology, Sydney, Australia

E-mail: Dacheng.Tao@uts.edu.au

Changsheng Xu

Chinese Academy of Science, China

E-mail: csxu@nlpr.ia.ac.cn

Jie Yang

Shanghai Jitotong University, China

E-mail: jieyang@sjtu.edu.cn

Hasan Muhammad

University of Technology, Sydney, Australia

E-mail: MuhammadAbul.Hasan@student.uts.edu.au

Preface

These proceedings contain the papers presented at MMM 2015, the 21th International Conference on MultiMedia Modeling. The conference was organized by University of Technology, Sydney, and was held during January 5-7, 2015, at the Aerial UTS Function Centre, Sydney Australia.

We are delighted to welcome all attendees to MMM 2015. We believe that the attendees have had a wonderful stay in Australia and that their visits are both enjoyable and rewarding. We are very proud to welcome visitors from both Australia and abroad and we are delighted to be able to include in the proceedings such high-quality papers for oral presentation, poster presentation, special sessions, demonstrations and video search showcase.

MMM 2015 received a total 189 submissions across four categories, consisting of 136 main conference full paper submissions, 24 special session full paper submissions, 18 demonstration submissions and 11 video search showcase submissions. Of these submissions, there are 27 authors (6%) from Australia, 130 (28%) from Europe, 287 (62%) from Asia, and 19 (4%) from the Americas. All main conference submissions were reviewed by at least three members of the Program Committee, for whom we owe a debt of gratitude for providing their valuable time to MMM 2015. All papers submitted to the special sessions, demonstration sessions and video search showcase sessions were also reviewed by at least three reviewers.

Of the 136 main conference full paper submissions, 49 were selected for oral presentation, which equates to a 36% acceptance rate. A further 24 papers were chosen for poster presentation. The accepted contributions represent the state-of-the-art in multimedia modeling research and cover a diverse range of topics including: Image and Video Processing, Multimedia encoding and streaming, applications of multimedia modelling and 3D and augmented reality. For the three special session, a total of 18 papers were accepted for MMM 2015. The three special sessions are Personal (Big) Data Modeling for Information Access and Retrieval, Social Geo-Media Analytics and Retrieval, and Image or video processing, semantic analysis and understanding. In addition, nine demonstrations and nine video showcase papers were accepted for MMM 2015.

We would like to thank our invited keynote speakers for their stimulating contributions to the conference. Special thanks go to the organizing committee for their contributions and great efforts to the success of this event, and steering committee for constant support and timely advice.

In addition, we wish to thank all authors who spent their time and effort to submit their work to MMM 2015, and all of the participants and student volunteers for their contributions and valuable support.

Our gratitude also goes to the MMM 2015 Program Committee members, and the other invited reviewers for the large amount of reviews required for MMM 2015.

We are grateful to the sponsors for providing support to the conference, including the University of Technology, Sydney, Business Events Sydney, Business Events Australia, Australia Government AusAID and Qantas.

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Xiangjian He (General Co-Chair)
Changsheng Xu (General Co-Chair)
Dacheng Tao (Program Co-Chair)
Suhuai Luo (Program Co-Chair)
Jie Yang (Program Co-Chair)