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MultiMedia Modeling

24th International Conference, MMM 2018
Bangkok, Thailand, February 5–7, 2018
Proceedings, Part I

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Preface

These proceedings contain the papers presented at MMM 2018, the 24th International Conference on MultiMedia Modeling, held in Bangkok, Thailand, during February 5–7, 2018. MMM is a leading international conference for researchers and industry practitioners to share new ideas, original research results, and practical development experiences from all MMM-related areas, broadly falling into three categories: multimedia content analysis; multimedia signal processing and communications; and multimedia applications and services.

MMM 2018 received 185 submissions across four categories; 158 full research paper submissions, six special session paper submissions, 12 demonstration submissions, and nine submissions to the Video Browser Showdown (VBS 2018). Of the submissions, 75% were from Asia, 17% from Europe, 5% from North America, 2% from South America, and 1% each from Oceania and Africa.

Of the 158 full papers submitted, 46 were selected for oral presentation and 28 for poster presentation, which equates to a 47% acceptance rate overall. Of the six special session papers submitted, five were selected for oral presentation, which equates to a 83% acceptance rate overall. In addition, all 12 demonstrations and nine VBS submissions were accepted. The overall acceptance percentage across the conference was thus 54%, but 40% for full papers and 25% of full papers for oral presentation.

The submission and review process was coordinated using the EasyChair conference management system. All full-paper submissions were assigned for review to at least three members of the Program Committee. We owe a debt of gratitude to all these reviewers for providing their valuable time to MMM 2018.

We also wish to thank our organizational team: Special Session Chairs Suree Pumrin and Benoit Huet; Demonstration Chairs Wolfgang Huerst, Joemon Jose, and Suvit Nakpeerayuth; Video Browser Showdown Chairs Klaus Schoeffmann, Werner Bailer, Cathal Gurrin, Jakub Lokoč, and Kunwadee Sripanidkulchai; Publicity Chairs Kiyoharu Aizawa, Norliza Binti Mohd Noor, Celia Shahnaz, Karlsten Mueller, and Alexander Loui; Finance Chair Nisachon Tangsangiumvisai; Sponsorship Chairs Natawut Nupairoj and Widhayakorn Asdornwised; Registration Chairs Sukree Sinthupinyo and Charnchai Pluempitiwiriyawej; Publication Chairs Twittie Senivongse and Peerapon Vateekul; Local Arrangements Chairs Nakornthip Prompoon and Kultida Rojviboonchai; Web Chair Krerk Piromsopa; Webmaster Apinun Intarachaiya; Conference Secretariat Thittaporn Ganokratanaa, Tasaporn Intarachaiya, Itsara Wichakam, Kankawin Kowsrihawat, and Araya Pudtal.

We would like to thank Chulalongkorn University for hosting MMM 2018. Finally, special thanks go to our supporting team at Chulalongkorn University (Watchara Ruengsang, Sirinthra Chantharaj, Pitchayut Chitsinpchayakun, Ammarin Jetthakun, Kawin Liaowongphuthorn, Kissada Pornratthanapong, Chanatip Saetia, and Chavisa Thamjarat), as well as to student volunteers, for all their contributions and valuable support.

The accepted research contributions represent the state of the art in multimedia modeling research and cover a very diverse range of topics. We wish to thank all authors who spent their valuable time and effort to submit their work to MMM 2018. And, finally, we thank all those who made the trip to Bangkok to attend MMM 2018 and VBS 2018.

February 2018

Supavadee Aramvith
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