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Advances in Multimedia Modeling

18th International Conference, MMM 2012
Klagenfurt, Austria, January 4-6, 2012
Proceedings

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Preface

The 18th International Conference on Multimedia Modeling (MMM 2012) was held in Klagenfurt, Austria, January 4–6, 2012, and hosted by the Institute of Information Technology (ITEC), Alpen-Adria Universität Klagenfurt (Klagenfurt University). MMM is a leading international conference for researchers and industry practitioners to share their new ideas, original research results and practical development experiences from all multimedia-related areas.

It was a great honor for ITEC to host MMM 2012, one of the most long-standing multimedia conferences, in Klagenfurt, Austria. ITEC comprises two research groups with two full professors and currently about 30 scientific, technical and administrative staff. The institute's research focuses on distributed multimedia systems and multimedia communication. The conference venue was the Lindner Seepark Hotel Congress & Spa, which is directly located on the lovely Lake Wörthersee, one of the most famous tourism destinations in Austria. We hope that our venue made MMM 2012 a memorable experience for all participants.

MMM 2012 featured a comprehensive program including three keynote talks, ten oral presentation sessions, a poster session, a demo session, four special sessions, and the Video Browser Showdown, which was an interactive video search competition and a new event in the history of the MMM conference. The 142 submissions from authors of 32 countries 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 167 Technical Program Committee members and reviewers who spent many hours reviewing papers and providing valuable feedback to the authors. From the 109 submissions to the main track and based on three (for some exceptions two) reviews per submission, the Program Chairs decided to accept 38 regular papers (34.9%) and 15 poster papers (13.8%). In total, 24 papers were received for four special sessions, with 12 being selected, and 9 submissions were received for a demo session, with 6 being selected. Video browsing systems of eight teams were selected for participation in the Video Browser Showdown. Authors of accepted papers came from 19 countries. This volume of the conference proceedings contains the abstracts of three invited talks and all the regular, poster, special session and demo papers, as well as special demo papers of the Video Browser Showdown. One regular paper was awarded with The Best Paper Award, which was sponsored by the FascinatE project (FascinatE – Format-Agnostic SScript-based INterAcTive Experience, FP7-248138).

The technical program is an important aspect but only provides its full impact if surrounded by challenging keynotes.

We are extremely pleased and grateful to have had three exceptional keynote speakers, Alan Hanjalic, John R. Smith, and Ralf Steinmetz, accept our invitation and present interesting ideas and insights at MMM 2012.

We are also heavily indebted to many individuals for their significant contribution. We thank the MMM Steering Committee for their invaluable input and guidance on crucial decisions. We wish to acknowledge and express our deepest appreciation to the Local Organizing Co-chair (and Finance Chair), Laszlo Böszörményi, the Special Session Chairs, Mathias Lux and Marco Bertini, the Demo Chairs, Cees Snoek and Frank Hopfgartner, the Publicity Chairs, Christian Timmerer and Tao Mei, the Publication Chairs, Werner Bailer and Hermann Hellwagner, US Liaisons, Oge Marques and Ketan Mayer-Patel, Asian Liaisons, Tat-Seng Chua and Tao Mei, European Liaisons, Cathal Gurrin and Harald Kosch, and – last but not least – the Local Arrangements team (and Webmaster), Martina Steinbacher, Margit Pertl, Mario Taschwer, and Rudolf Messner. Without their efforts and enthusiasm, MMM 2012 would not have become a reality. Moreover, we want to thank our sponsors: FascinatE project, Förderverein Technische Fakultät, Lakeside Labs, MediaEval. Finally, we wish to thank all committee members, reviewers, session chairs, student volunteers and supporters. Their contribution is much appreciated.

January 2012

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