MMEDIA 2013

Foreword

The Fifth International Conferences on Advances in Multimedia (MMEDIA 2013), held between April 21st-26th, 2013 in Venice, Italy, was an international forum for researchers, students, and professionals where to present recent research results on advances in multimedia, and mobile and ubiquitous multimedia. MMEDIA 2012 brought together experts from both academia and industry for the exchange of ideas and discussion on future challenges in multimedia fundamentals, mobile and ubiquitous multimedia, multimedia ontology, multimedia user-centered perception, multimedia services and applications, and mobile multimedia.

The rapid growth of information on the Web, its ubiquity and pervasiveness, makes the www the biggest repository. While the volume of information may be useful, it creates new challenges for information retrieval, identification, understanding, selection, etc. Investigating new forms of platforms, tools, principles offered by Semantic Web opens another door to enable human programs, or agents, to understand what records are about, and allows integration between domain-dependent and media-dependent knowledge. Multimedia information has always been part of the Semantic Web paradigm, but it requires substantial effort to integrate both.

The new technological achievements in terms of speed and the quality expanded and created a variety of multimedia services such as voice, email, short messages, Internet access, m-commerce, mobile video conferencing, streaming video and audio.

Large and specialized databases together with these technological achievements have brought true mobile multimedia experiences to mobile customers. Multimedia implies adoption of new technologies and challenges to operators and infrastructure builders in terms of ensuring fast and reliable services for improving the quality of web information retrieval.

Huge amounts of multimedia data are increasingly available. The knowledge of spatial and/or temporal phenomena becomes critical for many applications, which requires techniques for the processing, analysis, search, mining, and management of multimedia data.

We take here the opportunity to warmly thank all the members of the MMEDIA 2013 Technical Program Committee, as well as the numerous reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to MMEDIA 2013. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the MMEDIA 2013 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that MMEDIA 2013 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the field of multimedia.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed the charm of Venice, Italy.

MMEDIA Advisory Committee:

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