

MMEDIA 2011

Foreword

The Third International Conferences on Advances in Multimedia [MMEDIA 2011], held between April 17 and 22 in Budapest, Hungary, provided an international forum by researchers, students, and professionals for presenting recent research results on advances in multimedia, mobile and ubiquitous multimedia and to bring 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 humans 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 requires substantial effort to integrate both.

The new technological achievements in terms of speed and the quality are expanding and creating a vast variety of multimedia services like voice, email, short messages, Internet access, m-commerce, to 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 2011 Technical Program Committee, as well as the numerous reviewers. The creation of such a broad and 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 2011. 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 2011 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that MMEDIA 2011 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in multimedia.

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

MMEDIA 2011 Chairs:

Petros Belimpasakis, Nokia Research Center, Finland
Yannick Benezeth, Orange Labs (France Telecom Research Center in Rennes), France
Laszlo Böszörményi, University Klagenfurt, Austria
Trista Chen, Gracenote Inc. / Sony Corporation of America, USA
Noël Crespi, Institut Telecom, France
Dumitru Dan Burdescu, University of Craiova, Romania
Philip Davis, Bournemouth and Poole College, UK
Antonio Liotta, Eindhoven University of Technology, The Netherlands
Jonathan Loo, Middlesex University - Hendon, UK
Alexander C. Loui, Kodak Research Labs / Eastman Kodak Company-Rochester, USA
Tao Mei, Microsoft Research Asia, China
David Newell, Bournemouth University, UK
Joel Rodrigues, Instituto de Telecomunicações / University of Beira Interior, Portugal
Patrice Rondao Alface, Alcatel-Lucent Bell Labs - Antwerp, Belgium
Sandra Sendra Compte, Polytechnic University of Valencia, Spain