MMEDIA 2017

Forward

The Ninth International Conferences on Advances in Multimedia (MMEDIA 2017), held between April 23-27, 2017 in Venice, Italy, was an international forum for researchers, students, and professionals where to present recent research results on advances in multimedia, and in mobile and ubiquitous multimedia. MMEDIA 2017 brought together experts from both academia and industry for the exchange of ideas and discussions 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

The conference had the following tracks:
- Multimedia Applications
- Multimedia Services
- SBD: Social and Big Data
- STCD: Models and Algorithms for Spatially and Temporally Correlated Data

We take here the opportunity to warmly thank all the members of the MMEDIA 2017 technical program committee, as well as all the 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 that dedicated much of their time and effort to contribute to MMEDIA

2017. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

We also gratefully thank the members of the MMEDIA 2017 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that MMEDIA 2017 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the field of multimedia. We also hope that Venice, Italy provided a pleasant environment during the conference and everyone saved some time to enjoy the unique charm of the city.

MMEDIA 2017 Committee

MMEDIA Steering Committee
Jean-Claude Moissinac, TELECOM ParisTech, France
Daniel Thalmann, Nanyang Technological University, Singapore

MMEDIA Industry/Research Advisory Committee
Trista Chen, Trista Chen Consulting, USA
Alexander C. Loui, Kodak Alaris Inc., USA
Dimitrios Liparas, Information Technologies Institute (ITI) - Centre for Research & Technology Hellas (CERTH), Greece
Siyu Tang, Alcatel-Lucent Bell Labs - Antwerp, Belgium
Giuseppe Amato, CNR-ISTI, Italy