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## **Editorial Message**

The Journal of Multimedia Processing and Technologies (JMPT) aims to provide a multi-disciplinary forum to present and discuss theory and research, development, architectures, networking, system support tools and applications as well as case studies of multimedia and hypermedia. It also features experimental and survey articles. It seeks to fill the gap that exists between several fields and communities such as image processing, video processing, audio analysis, information retrieval and understanding, data management and mining, security, and education.

This issue is divided into two parts. The first two papers are regular while the three others are related to a special issue organized by Prof. Albert Dipanda and Zoltan Kato.

**Richard Chbeir**  
**Editor-in-Chief**

## **Special Issue Editorial Message**

The Journal of Multimedia Processing and Technologies (JMPT) aims to provide a multi-disciplinary forum to present and discuss theory and research, development, architectures, networking, system support tools and applications as well as case studies of multimedia and hypermedia. It also features experimental and survey articles. It seeks to fill the gap that exists between several fields and communities such as image processing, video processing, audio analysis, information retrieval and understanding, data management and mining, security, and education.

Signal and Image Technology (SIT) is currently one of the most active research fields in computer science. Combined with technologies related to Internet its application areas may span a variety of domains ranging from multimedia (image, video, security, ...) to medicine (tomographic reconstruction, telemedicine, medical imaging, patient monitoring, ...) but also from video games to 3D movies.

The SIT track is one of two main tracks of the SITIS conferences. In the SITIS'10 edition, the SIT track received over 70 submissions from more than 25 countries worldwide. 30 papers were selected for oral presentation during the conference, which gives an acceptance rate of 43%. We would like to thank the international program committee for helping in the reviewing process. As many as 300 reviews were collected by a collective effort of 120 international members of the International Program Committee. Their valuable participation has ensured and maintained the high quality of papers selected for presentation and publication in the proceedings.

This special issue of the JMTP journal includes a selection of papers covering the various sessions held in the SITIS'10 conference program. All these papers were reviewed by at least three reviewers and were rated very positively by all reviewers. They have been substantially revised and extended based on the original conference versions, to meet the requirements of publication in a recognized journal. We still welcome the availability of reviewers who were willing to once again note the papers selected. We congratulate the authors for the quality of their work.

We would like to thank the JMTP journal editor for giving us the opportunity to highlight the work of authors by publishing their papers in a renowned journal.

**Albert DIPANDA, University of Burgundy, France**  
**Zoltan KATO, University of Szeged, Hungary**