1st International Workshop on Multimedia Data Mining and Management
Message from the Program Chair

With the recent advances in electronic imaging, video devices, storage, networking and computer power, the amount of multimedia has grown enormously, and data mining has become a popular way of discovering new knowledge from such a large data sets. Multimedia data mining is a discipline which brings together database systems, artificial intelligence, and multimedia processing, such as image and video processing. It is important to understand what is multimedia data mining, how data mining techniques can contribute to discover new knowledge, how to organize and manage the discovered knowledge and concepts. The multimedia data appear in multiple forms including audio, speech, text, web, image, video and combinations of several types.

In this workshop, we aim to solicit papers that address the technical challenges in mining multimedia data and management. Through the workshop, we expect to bring together experts in analysis of multimedia data, state-of-art data mining and knowledge discovery in multimedia database systems, and domain experts in diverse areas, such as medical, surveillance, and education.

We have selected 8 high-quality full papers presented in three sessions. The selected list of paper also includes one keynote paper by Dr. Costantino Grana (University of Modena, Italy), and invited papers. The workshop consists of three sessions: Visual Data Analysis, Multimedia Indexing, and Multimedia Semantics.

We would like to thank all authors who contributed on this workshop, the Program Committee members who selected the valuable papers, all members of DEXA organization who supported this workshop.

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