12^{th} International Workshop of the Multimedia Metadata Community

Workshop on Semantic Multimedia Database Technologies

co-located with SAMT2010 $\,$

Saarbrücken, Germany

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1 Introduction

We have the pleasure to organize the 12th Workshop of the Multimedia Metadata Community¹. This is the second workshop focusing on semantic multimedia database technologies and is held in conjunction with the 5th International Conference on Semantic and Digital Media Technologies (SAMT 2010), December 1-3, Saarbrücken, Germany.

Ontology-based systems have been developed to structure content and support knowledge retrieval and management. Semantic multimedia data processing and indexing in ontology- based systems is usually done in several steps. One starts by enriching multimedia metadata with additional semantic information (possibly obtained by methods for bridging the semantic gap). Then, in order to structure data, a localized and domain specific ontology becomes necessary since the data has to be interpreted domain-specifically. The annotations are stored in an ontology management system where they are kept for further processing. In this scope, Semantic Database Technologies are now applied to ensure reliable and secure access, efficient search, and effective storage and distribution for both multimedia metadata and data. Their services can be used to adapt multimedia to a given context based on multimedia metadata or even ontology information. Services automate cumbersome multimedia processing steps and enable ubiquitous intelligent adaptation. Both, database and automation support facilitate the ubiquitous use of multimedia in advanced applications.

We accepted five full papers and one demonstration paper. Our thanks go to the reviewers, who provided timely and thorough reviews. Their suggestions allowed authors to improve their contributions.

Our grateful thanks also go to the organizers of SAMT 2010. Their logistic support has been essential to the organization of our workshop. We wish a productive and enriching workshop and an excellent stay in Saarbrcken.

Your workshop co-chairs,

Harald Kosch and Florian Stegmaier, University of Passau, Germany Ralf Klamma, RTWH Aachen, Germany Matthias Lux, University of Klagenfurt, Austria Marc Spaniol, Max-Planck-Institut für Informatik, Germany

¹ http://www.multimedia-metadata.info