

Call for Papers

18th International Conference on MultiMedia Modelling

Special Session on Multimedia Preservation: How to ensure multimedia access over time?

Introduction

Multimedia data is vital to all domains. Examples range from medical and healthcare records like CT scans, security applications coping with large GEO-data gathered by satellites up to the social sector dealing with large collections of photos and videos. The ability to effectively manage multimedia content and its preservation over time has become a necessity for both, the business as well as the general public. But what does digital preservation mean? The American Library Association¹ (ALA) has identified the main issues related to preservation as follows: “Digital preservation combines policies, strategies and actions that ensure access to digital content over time”. Although this initiative is mainly driven by libraries, interoperable access to digital data and its prevention towards the loss of data by e.g. technology changes affects everyone.

This is especially true by considering recent statistics illustrating the growth of multimedia data in the area of the social web. For instance, the well known online photo management and sharing application Flickr hosts 5 billion images and has a minute-by-minute increase of more than 3000 images². How can this amount of data be accessed in 50 years despite technological changes? Are recent research achievements like the Linked Open Data movement suitable to improve current issues of multimedia preservation? Therefore, technologies, concepts and methodologies are needed to lower the barrier between systems and to guarantee interoperable access between different domains. In this context, the special session is planned to bring together researchers in the field of interoperable multimedia access (e.g., metadata modelling, retrieval) and processing (e.g., transmission, coding) on the one side as well as experts in the area of cultural heritage (e.g., libraries, museums) on the other side.

Regarding this, we expect innovative submissions addressing visionary concepts and ideas in order to improve the current situation in multimedia preservation.

Topics

Topics of interest include, but are not limited to:

- Interoperable multimedia access.
- Interoperable multimedia frameworks.
- Interoperable multimedia storage and exchange formats.
- Linked Open Data and digital libraries.
- Access policies (digital rights).
- Applications and methodologies for the preservation of multimedia items: content and metadata.
- Cultural heritage and multimedia.

Important Dates

- ⇒ Papers due: 22 July 2011
- ⇒ Notification: 19 September 2011
- ⇒ Camera-ready paper due: 10 October 2011

¹ <http://www.ala.org/>

² <http://royal.pingdom.com/2011/01/12/internet-2010-in-numbers/>

Submission Guidelines:

The submission guidelines for the special session are the same as for the main conference (<http://mmm2012.org/publication/>). Papers should follow the LNCS format (see <http://www.springer.com/LNCS/> for details). The first page must contain an abstract, a classification of the topic covered, preferably using the list of topics above. The length of a paper should not exceed 12 pages. Papers in PDF should be submitted electronically to the review web site <https://www.easychair.org/account/signin.cgi?conf=mmm2012>.

Special Session Chairs

- Mario Döller, University of Passau, Germany
- Seamus Ross, University of Toronto, Canada
- Walter Allasia, EURIX Group, Italy
- Florian Stegmaier, University of Passau, Germany