

CALL FOR PAPERS

ACM Transactions on Multimedia Computing, Communications and Applications (TOMCCAP)

Special Issue on 20th Anniversary of ACM SIGMM Multimedia

The premier ACM SIGMM International Conference on Multimedia (known as ACM Multimedia) is celebrating its 20th anniversary. It all started in Anaheim, California, August 1-6, 1993, when the general chair, J.J. Garcia-Luna-Aceves gathered multimedia-interested researchers together to discuss and present research on systems and networks that would process digital audio and digital video. From this moment, over the next 20 years, research in digital multimedia has gone viral and became an integral part of our IT life. At this point, it is hard to imagine not having Flickr, YouTube, Facebook, Skype, Sony Playstation, Microsoft Media Player, Netflix, InstaGram, Akamai Content Distribution Services, and other multimedia products as part of our lives.

The beginnings of all these products can be traced to many scientific and engineering inventions presented at scientific and industrial events over the last 20 years. From the beginning, the ACM Multimedia Conference has been one of the important scientific venues to disseminate knowledge in this space, and played a very crucial role in bringing out many solutions that we now see in multimedia products.

This special issue requests submission of manuscripts that will take a historical view and survey what happened to various multimedia technologies over the last 20 years, or bridges historical and futuristic views on how the past inventions influence the current and future multimedia inventions.

TOPICS may include the following or similar topics:

Historical view of

- multimedia synchronization
- multimedia content analysis and retrieval
- data mining and knowledge discovery for multimedia
- multimedia streaming
- multimedia schedulers
- human-computer interactions for multimedia

Impact of past inventions on current and future

- multimedia coding standards
- interactive technologies
- multimedia interfaces
- multimedia content distribution
- multimedia content understanding and search capabilities

IMPORTANT DATES

Submission deadline: ~~September 15, 2012~~
Extended to: October 1, 2012
First decision: December 15, 2012
Second decision: April 15, 2013
Camera-ready: June 15, 2013

GUEST EDITORS

Klara Nahrstedt, University of Illinois at Urbana-Champaign, USA
Rainer Lienhart, University of Augsburg, Germany
Malcolm Slaney, Yahoo! Inc. and Stanford University (CCRMA)

SUBMISSIONS:

All submissions guidelines of TOMCCAP, such as formatting, page limits and extensions of previously-submitted conference versions, must be adhered to. Please, see the Authors Guide section of TOMCCAP website for more details: <http://tomccap.acm.org>

To submit, please, follow these instructions:

1. Submit your paper through TOMCCAP's online system <http://mc.manuscriptcentral.com/tomccap>. When submitting, use the Manuscript Type '20 years of ACM MM' in the *manuscriptcentral* system.
2. In your cover letter, include information "Special Issue on 20th Anniversary of ACM Multimedia" and if submitting an extended version of a paper, explain how the new submission is different and extends previously published work.
3. After you submit your paper, the system will assign a manuscript number to it. Please, email this number to klara@illinois.edu together with the title of your paper.