

CALL FOR PAPERS

ACM TRANSACTIONS ON MULTIMEDIA COMPUTING, COMMUNICATIONS AND APPLICATIONS (TOMCCAP)

Multiple Sensorial (MulSeMedia) Multi-modal Media: Advances and Applications

Multimedia applications have primarily engaged two of the human senses – sight and hearing. With recent advances in computational technology, however it is possible to develop applications that also consider, integrate and synchronize inputs across all senses, including tactile, olfaction, and gustatory. This integration of multiple senses leads to a paradigm shift towards a new mulsemedia (multiple sensorial media) experience, aligning rich data from multiple human senses. Mulsemedia brings with itself new and exciting challenges and opportunities in research, industry, commerce, and academia. This special issue solicits contributions dealing with mulsemedia in all of these areas. Topics of interest include, but **are not limited to**, the following:

- Context-aware Mulsemedia
- Metrics for Mulsemedia
- Capture and synchronization of Mulsemedia
- Mulsemedia devices
- Mulsemedia in distributed environments
- Mulsemedia integration
- Mulsemedia user studies
- Multi-modal mulsemedia interaction
- Mulsemedia and virtual reality
- Quality of service and Mulsemedia
- Quality of experience and Mulsemedia
- Tactile/haptic interaction
- User modelling and Mulsemedia
- Mulsemedia and e-learning
- Mulsemedia and e-commerce
- Mulsemedia Standards
- Mulsemedia applications (e.g. e-commerce, e-learning, e-health, etc)
- Emotional response (e.g. EEG) of Mulsemedia
- Mulsemedia sensor research
- Mulsemedia databases

Important Dates		Guest Editors
Paper Submission (hard deadline)	18/11/2013	George Ghinea (Brunel University, UK)
First Decision	13/01/2014	Stephen Gulliver (University of Reading, UK)
Paper Revision Submission	03/03/2014	Christian Timmerer (Alpen-Adria-Universität, Klagenfurt, Austria)
Second Decision	28/04/2014	Weisi Lin (Nanyang Technological University, Singapore)
Accepted Papers Due	12/05/2014	

Prospective contributors are welcome to contact the guest editors at guesteditors2014@kom.tu-darmstadt.de

Submission Procedure

All submission guidelines of TOMCCAP, such as formatting, page limits and extensions of previously-submitted conference papers, must be adhered to. Please see the Authors Guide section of the 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 please use the Manuscript Type 'Special Issue: MulSeMedia' in the *ManuscriptCentral* system.
2. In your cover letter, include the information "Special Issue on Mulsemedia" and, if submitting an extended version of a conference 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 guesteditors2014@kom.tu-darmstadt.de together with the title of your paper.