

**Special Issue on Advances in Affective Analysis in Multimedia  
IEEE Transactions on Affective Computing (TAC)**

Recent advances in multimedia computing brought a dramatic increase in the research on multimedia retrieval and indexing based on highly subjective concepts such as emotion, preference and aesthetics. These retrieval methods are considered human-centered, intuitive, and beyond the conventional keyword- or object-based retrieval paradigm. In addition, the problem is considered challenging because it requires multidisciplinary understanding of human behavior and perception as well as multimodal integration of different modalities (music, image, video, text) for better performance. Affective analyses of multimedia are attracting growing attention from industry and general public, e.g., mood based online radio stations.

IEEE Transactions on Affective Computing is the flagship journal in affective computing, featuring the state of the art on this multidisciplinary topic. We are inviting original submissions to for this special issue from the topics including but not limited to:

- Affective/emotional content analysis of music, images and videos
- Multimodal integration for affective content understanding
- Affective multimedia indexing
- Affect in content retrieval and recommendation
- Image and video summarization based on affect
- Emotional implicit tagging, sensing techniques and interactive systems
- Affective benchmarking development
- Cognitive/psychological perspective on affective content analysis
- Affective analysis of social media and harvesting the affective response of crowd

**Important dates**

Paper submission deadline	<del>31 July</del> <b>15 August</b> 2014
Notification and the first round of review	25 September 2014
Final notification	15 November 2014
Final manuscript due	10 January 2015
Projected to appear	Spring or Summer issue 2015

**Review process**

The review process will comply with the standard review process of the TAC. Each paper will receive at least three reviews from the experts in the field. Papers will undergo one cycle of revision and will be only accepted if they receive acceptance with minor revisions in the first review cycle.

**Submission instructions**

Prospective authors are invited to submit their manuscripts electronically after the “open for submissions” date, adhering to the IEEE Transactions on Affective Computing guidelines (<http://www.computer.org/portal/web/tac/author>) *Please submit your papers through the online system (<https://mc.manuscriptcentral.com/taffc-cs>) and be sure to select the special issue. Manuscripts should not be published or currently submitted for publication elsewhere.* Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere. If the submission is an extended work of the previously published paper, please include the original work and a cover letter describing the changes that have been made.

**Guest editors:**

**Mohammad Soleymani**, University of Geneva, Switzerland ([mohamamd.soleymani@unige.ch](mailto:mohamamd.soleymani@unige.ch))

**Yi-Hsuan (Eric) Yang**, Academia Sinica, Taiwan ([affige@gmail.com](mailto:affige@gmail.com))

**Go Irie**, NTT Corp., Japan ([irie.go@lab.ntt.co.jp](mailto:irie.go@lab.ntt.co.jp))

**Alan Hanjalic**, Delft University of Technology, the Netherlands ([a.hanjalic@tudelft.nl](mailto:a.hanjalic@tudelft.nl))