

The 7th International Workshop on Affective Social Multimedia Computing

December 22, 2022

Tokyo, Japan/online

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Youjun XIONG
Henry Tan Huan
UBTech Robotics Corporate

Workshop Chairs

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UBTech Robotics Corporate
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University of Passau, Germany
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Contact person:

Dr. Dong-Yan Huang
Email address: dongyan.huang@ubtrobot.com



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The Affective Social Multimedia Computing 2022 -- Call for Papers

Affective social multimedia computing is an emergent research topic for both affective computing and multimedia research communities. Social multimedia is fundamentally changing how we communicate, interact, and collaborate with other people in our daily lives. Comparing with well-organized broadcast news and professionally made videos such as commercials, TV shows, and movies, social multimedia media computing imposes great challenges to research communities. Social multimedia contains much affective information. Effective extraction of affective information from social multimedia can greatly help social multimedia computing (e.g., processing, index, retrieval, and understanding). Although much progress has been made in traditional multimedia research on multimedia content analysis, indexing, and retrieval based on subjective concepts such as emotion, aesthetics, and preference, affective social multimedia computing is a new research area. The affective social multimedia computing aims to proceed affective information from social multimedia. For massive and heterogeneous social media data, the research requires multidisciplinary understanding of content and perceptual cues from social multimedia. From the multimedia perspective, the research relies on the theoretical and technological findings in affective computing, machine learning, pattern recognition, signal/multimedia processing, computer vision, speech processing, behavior and social psychology. Affective analysis of social multimedia is attracting growing attention from industry and businesses that provide social networking sites, content-sharing services, distribute and host the media. This workshop focuses on the analysis of affective signals in interaction (multimodal analyses enabling artificial agents in Human-Machine Interaction, social interaction with artificial agents) and social multimedia (e.g., twitter, wechat, weibo, youtube, facebook, etc).

The 1st, 2nd, 3rd, 4th, 5th, 6th ASMMC workshop have been successfully held in Xi'an, China on September 21, 2015, Seattle, USA on July 15, 2016, Stockholm, Sweden on August 25, 2017, Seoul, Korea on October 26, 2018, and Cambridge, UK on July 2, 2019, Virtual conference (Montreal, Canada) on October 11, 2021 respectively. We take the 7th ASMMC to ACM Multimedia Asia 2022 come back again to Affective Computing & Intelligent Interaction for investigating affective computing technology to become available and accessible to education, health, transport, cities, home and entertainments.

Workshop Scope

The workshop will address, but is not limited to, the following topics:

- Affective human-machine interaction or human-human interaction
- Affective/Emotional content analysis of images, videos, music, metadata (text, symbols, etc.)
- Affective indexing, ranking, and retrieval on big social media data
- Affective computing in social multimedia by multimodal integration (face expression, gesture, posture, speech, text/language)
- Emotional implicit tagging and interactive systems
- User interests and behavior modeling in social multimedia
- Video and image summarization based on affect
- Affective analysis of social media and harvesting the affective response of crowd
- Affective generation in social multimedia, expressive text-to-speech and expressive language translation
- Zero/One/Few-shot learning for emotion recognition
- Applications of affective social multimedia computing
- Multimodal Analyses enabling Artificial Agents in Human-Machine Interaction
- Social Interaction with Artificial Agents
- Applications of affective social multimedia computing

Important dates

Submission of Manuscripts	September 7, 2022
Notification of Acceptance/Rejection	September 30, 2022
Submission of Camera-ready Papers and Presenting Author's Registration	October 15, 2022
Date of the Workshop	December 22, 2022

Conference Website: <http://asmmc22.ubtrobot.com/>

ASMMC 2022 Website: <https://MMAsia.acm.org/2022/index.php?id=workshops#workshop7>