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Affective Computing

Guest Editor:

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Message from the Guest Editor

The purpose of this Special Issue is to bring together state-of-the-art achievements on affective computing. We encourage authors to submit original research articles, case studies, reviews, theoretical and critical perspectives, and viewpoint articles on the following topics, but not limited to:

- Intelligent sensing of human emotions and affective states using multimodal cues from face, body gestures and physiological signals.
- Extraction of emotional properties from multimedia data, including text, image, sound and video (e.g. sentiment analysis of text, emotion-related visual attributes), which supports enriched captioning and complex queries.
- New dataset, methods and approaches for big data that can support deep learning approach to automatically model and analyze emotions from human and documents.
- Theoretical and computational models that can describe how human cognitive and decision-making processes take into account the influence of emotions.
- Affective computing applications, such as healthcare, customer experience measurement, multimedia retrieval, entertainment, and ambient intelligence.



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