Special Issue

Integrated Sensor Systems for Multi-modal Emotion Recognition

Message from the Guest Editor

Emotion recognition stands at the nexus of human–computer interaction. This Special Issue seeks to explore the rich tapestry of challenges and opportunities inherent in multi-modal emotion recognition. By capitalizing on the sensor fusion of visual, auditory, physiological, and textual cues, researchers aim to unravel the intricate nuances of human emotions, paving the way for more empathetic and responsive artificial intelligence systems. Key themes to be explored in this Special Issue include: Multi-Modal Fusion Techniques; Cross-Modal Transfer Learning; Contextual and Temporal Dynamics; Ethical and Social Implications. Researchers are invited to contribute original research articles, review papers, and case studies that shed light on the theoretical underpinnings, methodological innovations, and practical applications of multi-modal emotion recognition. This Special Issue endeavors to propel the frontier of emotion-aware computing, unlocking new frontiers in human-centered artificial intelligence.

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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