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Emotion Recognition Based on Sensors

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Deadline for manuscript submissions:
closed (29 July 2022)

Message from the Guest Editors

Dear Colleagues,

Affective computing is an emerging field of computer science that plays and will continue to play an increasing role in human–computer interaction. Recognition of user emotions is a fundamental and most viable element of each affective and affect-aware system. In recent years, many approaches to emotion recognition that use different input devices and channels as well as different reasoning algorithms have been proposed and developed. Various sensors, connected to or embedded in computer devices, smartphones, training devices, fitness, health, and everyday use, play a special role in providing input data for such systems. They include, among others, cameras, microphones, depth sensors, biometric sensors, and many more.

This Special Issue is focused on emotion recognition methods based on such sensory data. We are inviting original research work covering novel theories, innovative machine learning methods, and meaningful applications that can potentially lead to significant advances in this field. The goal is to collect a diverse set of articles on emotion recognition that span across a wide range of sensors, data modalities, their fusion, and classification.

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Message from the Editor-in-Chief

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