

Symposium: Unveiling Affective Signals

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ABSTRACT

The ability to process and, subsequently, understand affective signals is the core of emotional intelligence and empathy. However, more than a decade of research in affective computing has shown that it is hard to develop computational models of this process. We pose that the solution for this problem lays in a better understanding of how to process these affective signals. This article introduces a symposium that brought together various approaches towards unveiling affective signals. As such, it is envisioned to be a springboard for affective computing.

Author Keywords

emotion, affect, affective computing, methods, signal processing, pattern recognition.

ACM Classification Keywords

G.3. Probability and statistics; H.1.2. User/Machine systems, I.5.2. Pattern Recognition: Design methodology, I.5.4 Pattern Recognition: Applications.

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