

## Special Issue

# Advances in Computer Vision and Affective Computing for Emotion Understanding and Interpretation

### Message from the Guest Editors

This Special Issue is open to, but not limited to, articles on emotional analysis and elicitation involving:

- VR technologies (standard monitors, head-mounted displays, etc.) to elicit emotions;
- Strategies to design affective virtual environments;
- Face expression recognition/ facial emotion recognition;
- Multimodal experimentations to investigate the conscious/unconscious emotional state after affective stimuli;
- Stress detection;
- Suitability of physiological responses to detect affective and cognitive states (electroencephalographic, cardiac, electrodermal, muscular, etc.);
- Methodologies for assessing emotions based on physiological data, with a particular focus on machine/deep learning techniques;
- Novel theories on emotional representations, based on sound experimentations, besides the acknowledged dimensional (valence, arousal, dominance) and discrete (basic emotions) ones;
- Theories and experiments aimed at investigating the physiological signature of emotional activation.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 August 2023)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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