Special Issue

Research on Facial Expression Recognition

Message from the Guest Editors

This Special Issue welcomes original research papers concerned with both theoretical and applied aspects of facial expression analysis. Possible topics include but are not limited to the following:

- theoretical aspects of facial expression production and perception;
- physiological mechanisms involved in facial expression production and perception;
- impairments in facial expression recognition;
- machine learning algorithms involving facial expressions for affective computing;
- combination and fusion of modalities for facial expression recognition;
- data-driven approaches to model the perception and production of facial expressions;
- virtual facial expression synthesis;
- cultural differences in facial expression production and perception;
- automatic facial expression recognition systems;
- models on the relationship between facial expressions and posture;
- context-dependent facial expression recognition;
- modelling of the spatiotemporal characteristics of facial expressions;
- multimodal models of emotion combining facial expressions and other behavioral and physiological cues;
- novel sensing devices for facial expression recognition.

Guest Editors

Dr. Monica Perusquia Hernandez
Department of Psychology, University of Essex, Wivenhoe Park, Colchester CO4 3SQ, UK

Prof. Dr. Saho AYABE-Kanamura
Institute of Psychology, University of Tsukuba, Tsukuba, Ibaraki 305, Japan

Deadline for manuscript submissions

closed (20 November 2022)

Applied Sciences

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:
JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

MDPI