Special Issue

Computational Trust and Reputation Models

Message from the Guest Editors

This Special Issue focuses on novel approaches for identifying and tracking signals of trustworthiness from different modalities (facial expressions, gestures, gaze, voice, conversational features, etc.) or fusing them into multimodal computational trust and reputation models. Possible topics include but are not limited to the following:

- Machine and deep learning algorithms for trust and reputation modelling.
- Theoretical aspects of multimodal trust and reputation models.
- Combination and fusion of modalities for trust prediction.
- Trust and reputation prediction in the wild.
- Data and resources for multimodal trust and reputation computational models.
- Deception and sincerity: analysis, detection and synthesis.
- Affective computing: multimodal behavior, action, emotion, or stance recognition; sentiment analysis and opinion mining.
- Multimodal dialogue systems; question answering and chatbot development; intelligent agents; natural language generation; speech synthesis and recognition.
- Multimodal dialogue analysis; discourse analysis; text and speech analysis.
- Deep-learning-based video, image, speech, and audio processing.

Guest Editors

Dr. Fernando Fernández-Martínez

Dr. Juan Manuel Montero Martínez

Dr. Ascension Gallardo Antolín

Deadline for manuscript submissions

closed (25 May 2022)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/61607

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

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)