

Special Issue

Perception and Communication

Message from the Guest Editor

The conditions in which visual communication may facilitate or hinder action, or behavioural responses to facts and events depends on the effectiveness with which critical aspects of information are encoded, perceived, and processed. Specific perceptual cues such as contrast, colour, or shape may help a human operator to focus attention on relevant information and thereby facilitate the execution of a specific task significantly. "Visual" signals in image representations may also be perceived by intelligent machines, and can be exploited to design effective command structures for system tasks at a minimal computational cost in comparison with other, more complex approaches. This Special Issue welcomes research articles, theoretical/conceptual papers and opinion pieces on visually (image) mediated communication and the many ways in which data and contents represented visually or diagrammatically may be perceived and processed by humans or machines.

Guest Editor

Prof. Dr. Birgitta Dresp-Langley

Centre National de la Recherche Scientifique (CNRS), ICube Lab UMR 7357 CNRS, Université de Strasbourg, F-67081 Strasbourg, France

Deadline for manuscript submissions

closed (31 March 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/26984

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

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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)