Special Issue

Challenges in Understanding Human Learning Physiology

Message from the Guest Editor

Learning is the fundament of human life in the most profound sense. In modern times, there is a huge gap between knowledge of cellular mechanisms and the "emergent properties" of the brain. Thus, learning is a topic addressed by lot of disciplines with different approaches and different points of view, like cellular biology, neurobiology, brain physiology, computational sciences, cognitive psychology and behavioral psychology. There is a huge amount of different information and a synthesis is still lacking. Different disciplines use different language and skill can be found in different contexts with different meanings. There are also different models, theories, conclusions, and recommendations. Nevertheless, all disciplines offer a contribution in trying to optimize teaching and learning methods, and a route toward a possible synthesis is highly advisable. If such a route is possible, the starting point should be a summary of the state of the art. This Special Issue is a challenge in collecting a summary of information, models, and theories from all those different disciplines addressing human learning.

Guest Editor

Prof. Andrea Viggiano

Department Medicine, Surgery and Dentistry "Scuola Medica Salernitana", University of Salerno, 84081 Baronissi (SA), Italy

Deadline for manuscript submissions

closed (30 September 2020)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/38185

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)