



Recent Advances in Fuzzy-Based Intelligent IoT

Guest Editors:

**Dr. Gabriel Villarrubia
González**

Expert Systems and Applications
Lab, Faculty of Science,
University of Salamanca, 37008
Salamanca, Spain

**Prof. Dr. Valderi R. Q.
Leithardt**

Department of Information
Science and Technology, ISTAR,
University Institute of Lisbon
(ISCTE-IUL), 1649-026 Lisbon,
Portugal

**Prof. Dr. Jorge Luis Victória
Barbosa**

Applied Computing Graduate
Program, Universidade do Vale
do Rio dos Sinos, Sao Leopoldo,
Brazil

Deadline for manuscript
submissions:

closed (10 March 2022)

Message from the Guest Editors

As new technological solutions emerge, there is a need to update the processes, protocols and techniques for controlling and treating the data that are sent and received. Thus, whether in ubiquitous environments or other so-called intelligent environments, it is necessary to improve the techniques and algorithmic solutions that aim to manage environments and devices.

To carry out such decision-making, it is necessary to apply artificial intelligence techniques capable of adapting to changes in smart environments, in order to create systems that evolve autonomously over time. Currently, it is necessary to apply new techniques that allow for the processing of information at low and high levels to improve the accuracy of such systems.

Therefore, we seek to identify contributions that fit this described scenario and, ideally, that can go further, bringing news, techniques and solutions to bear on the problems presented. Contributions are not restricted only to the scenarios and the keywords presented but must have sufficient evidence to prove novelties in relation to the current state of the art in the data privacy literature applied to the management of intelligent environments.





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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, Embase, CAPlus / SciFinder, and other databases.

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

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)