Applications of Computational Intelligence in Real World Projects

Guest Editors:

Prof. Dr. Francisco Serradilla-García
ETSI of Information Systems, Polytechnic University of Madrid, 28031 Madrid, Spain

Dr. Alberto Díaz-Álvarez
Departamento de Sistemas Informáticos, E.T.S.I. de Sistemas Informáticos, Universidad Politécnica de Madrid, C/Alan Turing s/n, 28031 Madrid, Spain

Prof. Dr. Luis Fernando de Mingo López
Department of Computer Systems, Higher Technical School of Computer Systems Engineering, Polytechnic University of Madrid, Calle Alan Turing sn, 28031 Madrid, Spain

Deadline for manuscript submissions:
closed (1 March 2022)

Message from the Guest Editors

Dear Colleagues,

Computational Intelligence is the set of biologically inspired artificial intelligence techniques capable of modeling and optimizing complex phenomena. Its main techniques are Neural Networks, including deep learning, evolutionary computing, and fuzzy logic.

This Special Issue aims to bring a set of high-quality articles on new practical contributions to industry and business in modeling, optimizing, and planning particularly complex processes, which have led to a significant improvement in the productive capacity of companies and organizations.

Topics include but are not limited to:

- Practical applications of deep learning;
- Meta-heuristics techniques in real systems;
- Applications on intelligent transportation systems;
- Artificial Intelligence applications towards Industry 4.0 and IoT;
- Modeling economics and business;
- Improving society and education through intelligent systems;
- Deep learning in arts and science;
- Computational Intelligence applied to cybersecurity;
- Explainable Computational Intelligence.

mdpi.com/si/43339

Special Issue

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us