Machine Learning for Traffic Modeling and Prediction

Guest Editors:

Prof. Dr. Paulo Quaresma
Algoritmi Research Center,
Informatics Department,
University of Évora, 7002–554
Évora, Portugal

Prof. Dr. Vítor Nogueira
Informatics Department,
University of Évora, 7002-554
Évora, Portugal

Prof. Dr. José Saias
Informatics Departament,
University of Évora, 7002-554
Évora, Portugal

Deadline for manuscript submissions:
closed (31 December 2022)
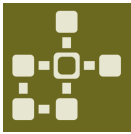
Message from the Guest Editors

Dear Colleagues,

Traffic, and in particular traffic accidents, is a matter of high importance. This is due not only to the economic factor but also related to its social, environmental, and even health impact. There is a vast amount of research that applies Artificial Intelligence (AI) approaches, or more specifically, Machine Learning (ML), to deal with traffic-related problems. Recently, AI/ML has been used in modelling and predicting traffic-related subjects such as accidents, speed, flow, and status. There is also work in ML for traffic control, management, and even in traffic-related pollution.

Dr. Paulo Quaresma
Prof. Dr. Vítor Nogueira
Prof. Dr. José Saias
Guest Editors

Special Issue

Editor-in-Chief

Prof. Dr. Paolo Bellavista
Department of Computer Science
& Engineering (DISI), University of
Bologna, 40136 Bologna, Italy

Message from the Editor-in-Chief

You are invited to contribute a research article, a comprehensive review or a software paper for consideration and publication in Computers (ISSN 2073-431X). Computers is an international, peer-reviewed, open access journal which provides an advanced forum for computer sciences. Computers is published in open access format—research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, ESCI (Web of Science), dblp, Inspec, and other databases.
Journal Rank: JCR - Q2 (*Computer Science, Interdisciplinary Applications*) / CiteScore - Q2 (*Computer Networks and Communications*)

Contact Us