

## Special Issue

# Human–Machine Interaction for Autonomous Vehicles

### Message from the Guest Editor

Today's advances in artificial intelligence are rapidly approaching the inflection point at which autonomous vehicles (AVs), both on land and in the air, will be a daily life reality. AVs are systems that consist of software, hardware, humans, and their interactions. This Special Issue entails the problem of understanding and shaping how autonomous vehicles interact with humans as an active part of the whole transportation environment. We invite researchers to contribute to human–machine interface design, communication with vulnerable road users, prediction of human behaviour, emotion recognition, and AI systems that grasp the myriad ways that people interact with their vehicles, among others. This Special Issue welcomes all forms of human–machine interaction for autonomous vehicle proposals: research contributions, proof of concept, state-of-the-art, reviews, etc.

- autonomous vehicles
- human factors
- human–machine interaction

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### Guest Editor

Dr. Angelica Reyes

Castelldefels School of Telecommunications and Aerospace Engineering, Edificio C4, Despacho 011, Esteve Terradas, 7, Castelldefels 08860, Barcelona, Spain

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### Deadline for manuscript submissions

closed (30 October 2023)



## Machines

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*Machines*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[machines@mdpi.com](mailto:machines@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
CISE - Electromechatronic Systems Research Centre, University of  
Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

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