



Human–Machine Interaction for Autonomous Vehicles

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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Message from the Guest Editor

Dear Colleagues,

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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6201-001 Covilhã, Portugal

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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Machines Editorial Office
MDPI, St. Alban-Anlage 66
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