

Special Issue

Advances in Explainable Artificial Intelligence and Edge Computing Applications

Message from the Guest Editors

This Special Issue invites papers on all those research approaches focused on the relationship between evolution in the area of transport with a high incidence in the environment from the perspective of efficiency, which has become one of the neuralgic centers of sustainability. The aim of the issue is to encourage the better production, consumption, and movement of goods, as well as the movement of people with fewer resources and a smaller environmental impact. The topics of interest in this issue include but are not limited to:

- Distributed problem solving;
- Agent cooperation and negotiation;
- Human agent interaction, social networks, virtual communities;
- Reputation, trust, privacy, and security;
- Agent engineering and development tools;
- Internet of Things, sensors, and actuators;
- Big data and machine learning;
- Smart cities, smart homes, smart buildings, smart health, smart mobility, and transportation;
- Semantic web, linked data;
- Expert systems;
- Edge computing, Machine learning, etc.;
- Deep intelligence.

Guest Editors

Prof. Dr. Juan M. Corchado

Prof. Dr. Sascha Ossowski

Dr. Sara Rodriguez

Dr. Fernando De la Prieta Pintado

Deadline for manuscript submissions

closed (31 January 2022)



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About the Journal

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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).