

Special Issue

Smart Road: Innovative, Sustainable and Resilient Technologies

Message from the Guest Editors

Smart, sustainable, quality, innovative, and inclusive roads exploit and direct change, transforming the traditional relationships between vehicles, drivers, and the road environment. The goal of this Special Issue is to showcase the most recent advances, applications, and real-case studies in various aspects of smart road. The attention will be focused on innovative approaches and strategies adopted in different countries to design, improve, and maintain sustainable and resilient electrification and transport sectors and enhance the citizens' quality of life. Topics of interest of this Special Issue include, but are not limited to:

- Regulations and standards applied for smart roads
- Roads for resilient and safe transportation
- Design and operations of transportation infrastructures
- Smart road and electrification
- Smart road and smart grid
- Smart grid and electric vehicles
- Smart road and smart mobility
- Intelligent vehicles and self-driving cars
- Wireless sensor networks and communication systems

Guest Editors

Dr. Michela Longo

Department of Energy, Politecnico di Milano, 20156 Milan, Italy

Dr. Wahiba Yaici

Natural Resources Canada, Ottawa, ON K1A 1M1, Canada

Deadline for manuscript submissions

closed (31 July 2021)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/25667

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).