

Special Issue

Cyber-Physical Systems in Smart Cities

Message from the Guest Editors

The aim of this Special Issue will be to feature articles on Cyber-physical systems (CPS) and how they will impact smart cities in the future. They might span across connected and autonomous vehicle applications, unmanned aerial vehicle applications, IoT-enabled smart city features for CPS, vehicular technologies enabling CPS applications, assurance and safety mechanisms for CPS and infrastructure-level technologies to support CPS. The scope of the Special Issue welcomes high-quality original research and review articles that cover a broad range of topics related to CPS and smart cities. Potential topics include but are not limited to the following:

- CPS applications in smart cities
- Urban air mobility
- Data collection protocols in smart cities
- Safety Assurance of CPS
- Protocol design for CPS in smart cities
- Edge computing for CPS
- Validation and Verification of CPS
- Network management
- Network virtualization
- Localization and tracking
- Crowdsensing in smart cities

https://www.mdpi.com/journal/electronics/special_issues/CPS_Smart_Cities

Guest Editors

Dr. Mustafa Ilhan Akbas

Dr. Harish Chintakunta

Prof. Raivo Sell

Dr. Gürkan Solmaz

Deadline for manuscript submissions

closed (1 March 2022)



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

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





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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 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

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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).