

## Special Issue

# Big Data Analytics for Smart Cities

### Message from the Guest Editors

Big (urban) data analytics creates an unprecedented opportunity to understand the way people interact in and with the urban environment, and enables researchers to tackle important and urgent urban challenges by adding intelligence to the urban environment. The design and development of innovative services and solutions tailored to smart cities entails the acquisition, integration, and analysis of heterogeneous data. To collect, store, manage, and analyze data, as well as visualize the results of the data analysis process, in order to make them readable and usable by citizens, ubiquitous sensing technologies, advanced data management and analytics models, and novel visualization methods should be devised. The Special Issue welcomes the submission of technical, experimental, and methodological papers; application papers, and papers on experience reports in real-life urban settings in one of, although not limited to, the following application scenarios:

- Public safety and security
- Air quality
- Energy consumption awareness
- Citizens' mobility
- User-generated content (such as tweets, micro-blogs, check-ins, and photos)
- Intelligent street furniture

---

### Guest Editors

Dr. Tania Cerquitelli

Dr. Sara Migliorini

Prof. Dr. Silvia Chiusano

---

### Deadline for manuscript submissions

closed (15 December 2020)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/29888](https://mdpi.com/si/29888)

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