



Emerging Applications of Image Retrieval and Recognition Technology in Smart Cities

Guest Editors:

Prof. Dr. Zhenzhou Wang

Prof. Dr. Xiaomin Yang

Dr. Mingliang Gao

Dr. Gwanggil Jeon

Deadline for manuscript
submissions:

closed (31 August 2022)

Message from the Guest Editors

The emerging applications of image retrieval and recognition technology (IRRT) in smart cities include smart healthcare, smart energy, smart transportation, smart environment, smart safety and smart education. In smart healthcare, IRRT could help to identify a given case based on similar past cases found in the image archive. In smart transportation, IRRT could help to recognize traffic patterns by investigating image sequences acquired in real time. In smart education, IRRT could help to make new discoveries using high-quality digital images taken from different research fields.

This Special Issue will focus on (but will not be limited to) the following topics:

- Image datasets for the emerging applications in smart cities;
- Effective features for image retrieval and recognition;
- Content-based image retrieval methods;
- Object recognition methods;
- Image-sensing devices and methods;
- Challenges of IRRT in smart cities;
- More emerging applications of IRRT in smart cities;
- Image-processing techniques that have the potential to be used in IRRT.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)