



Visible Light Communications Technology and Its Applications

Guest Editors:

Prof. Dr. Jose Alberto Rabadan Borges

Institute for Technological Development and Innovation in Communications (IDeTIC), University of Las Palmas de Gran Canaria, 35001 Las Palmas de Gran Canaria, Spain

Dr. Victor Guerra

1. Pi Lighting Sarl, 1950 Sion, Switzerland
2. IDeTIC, Universidad de Las Palmas de Gran Canaria (ULPGC), 35017 Las Palmas, Spain

Dr. Julio Francisco Rufo Torres

Departamento de Ingeniería Industrial, Universidad de La Laguna, 38200 San Cristóbal de La Laguna, Spain

Deadline for manuscript submissions:

closed (15 October 2021)

Message from the Guest Editors

Dear Colleagues,

The main aim of this Special Issue is to provide original and high-quality papers addressing both theoretical and practical aspects of system development in visible light communication (VLC) area. It will highlight the latest research and innovative applications and provide new perspectives on future initiatives and challenges.

The topics of interest include but are not limited to:

- Diversity/MIMO technique implementation;
- VLP systems;
- Underwater VLC systems;
- Machine learning strategies for VLC/OCC;
- Electronic circuits for modulation/demodulation;
- Energy-efficient/energy-harvesting VLC systems;
- Efficient driver and receiver design, noise characterization;
- V2X/IoT/Smart city systems;
- New applications of VLC/OCC systems

We welcome your contribution.





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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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