

Special Issue

New Trends in Visible Light Communication

Message from the Guest Editor

This Special Issue aims to publish the latest breakthroughs and future directions in VLC research, covering both theoretical foundations and practical implementations. We invite the submission of original contributions that explore innovative methodologies, address current challenges, and propose novel applications in this rapidly evolving field. Topics of interest for this Special Issue include, but are not limited to, the following:

- Advanced modulation and coding techniques for VLC;
- MIMO VLC and diversity systems;
- Hybrid RF-VLC networks;
- Optical camera communication (OCC);
- Visible light positioning (VLP);
- Underwater VLC (UVLC);
- Energy-efficient and energy-harvesting VLC;
- Machine learning for VLC;
- Security and privacy in VLC;
- Emerging applications of VLC in IoT, smart cities, healthcare, vehicular networks, and industrial automation.

Guest Editor

Prof. Dr. Shaoshuai Gao

School of Electronic, Electrical and Communication Engineering,
University of Chinese Academy of Sciences, Beijing 101408, China

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closed (15 January 2026)



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

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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 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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).