

Special Issue

Advances in Radio, Visible Light Communications, and Fiber Optics

Message from the Guest Editors

The main objective of this Special Issue is to provide original and high-quality contributions that address both theoretical and practical aspects of systems development in radio communications, optical communications (OC), visible light communications, optical camera communications (OCC) and the Internet of Things (IoT). It will highlight state-of-the-art research and innovative applications and provide new perspectives for future initiatives and challenges. The topics of interest include but are not limited to:

- New applications of radio/OC/VLC/OCC systems;
- Video processing for OCC;
- Visible light positioning (VLP);
- V2X/IoT/smart city systems;
- Electronic circuits for modulation/demodulation;
- Efficient driver and receiver design, noise characterization;
- Security issues for radio/OC/VLC/OCC/IoT;
- Machine learning strategies for VLC/OCC;
- Information theory for VLC;
- Coding and modulation for VLC;
- Efficient signal processing for VLC;
- Underwater VLC systems;
- Diversity/MIMO technique implementation.

Guest Editors

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Dr. Declan T. Delaney

Dr. Juan Rodríguez Méndez

Deadline for manuscript submissions

closed (31 August 2023)



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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

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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).