

Special Issue

Advanced Technologies in Low Power Wide Area Networks (LPWAN)

Message from the Guest Editor

The emergence of the Internet of Things concept in the last ten years has radically changed the approach to the development of networked systems. The vast number of items that are expected to be connected to the Internet has led to the need for data transmission technologies whose features are totally different from the ones of personal communication devices. The key requirements for these technologies are rather long range, low power, low cost, and great capacity, instead of reduced latency, great speed, and large bandwidth. In this context, low-power wide area networks (LPWANs) can play a crucial role since they have been customized for the IoT scenario. Technologies like LoRa and LoRaWAN, SigFox, or other Sub-GHz systems are employed in an ever-increasing number of application scenarios, while NB-IoT has opened the way to IoT-based cellular solutions.

Guest Editor

Dr. Alessandro Pozzebon

Department of Information Engineering, University of Padova, 35131 Padova, Italy

Deadline for manuscript submissions

closed (31 October 2019)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/21688

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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 16.4 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).