

Special Issue

Quantum Communications Systems

Message from the Guest Editor

In modern society, ever-increasing demands for protecting information channels or long-range information security against eavesdropping is becoming a critical issue for, not only large companies, banks, and defense enterprises, but also for individual users. Quantum communications are fast becoming an important tool or technique for many applications in quantum information science. Of course, photons are most robust and the fastest carriers of information transmission in comparison to electronic signals. Therefore, quantum communication is a field of applied quantum optics, closely related to information processing sharing quantum information over a distance, among geographically-separated parties. Thus, optical quantum communications have attracted a great deal of attention in recent years, not only because of potential use of photonic qubits (quantum bits) to transfer quantum information through free space, but also fiber optic links for the establishment of a perfectly secure cryptographic key between two parties.

Guest Editor

Dr. Pramod Kumar
University of Exeter, Exeter, UK

Deadline for manuscript submissions

closed (31 August 2018)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/10990

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 guest-edited 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 16.8 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the first half of 2025).