



Quantum Communications Systems

Guest Editor:

Dr. Pramod Kumar

University of Exeter, Exeter, UK

Deadline for manuscript
submissions:

closed (31 August 2018)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Pramod Kumar





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 guestedited 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 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic 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)