



Low-Cost Telemedicine Technology: Challenges and Solutions

Guest Editors:

**Prof. Dr. Andrés Martínez
Fernández**

Department of Signal Theory and
Communications, Rey Juan
Carlos University, 28933
Móstoles, Spain

Prof. Dr. Ignacio Prieto

Department of Signal Theory and
Communications, Rey Juan
Carlos University, 28933
Móstoles, Spain

Deadline for manuscript
submissions:

closed (31 January 2022)

Message from the Guest Editors

This Special Issue aims to find a consensus about the needs in the primary health care system of developing countries that can be met with telemedicine and known new appropriate and low-cost telemedicine technologies and verify the impact that these new solutions have on the health of the population. We invite review/research papers of topics related to new telemedicine peripherals, how different health systems are using new technology in health care, telemedicine cost effectiveness and health care savings, how to power and connect telemedicine equipment in isolated areas, and telemedicine policy and regulation in developing countries. The topics include but are not limited to:

- New sensors and equipment for the capture of biomedical signals;
- New systems for processing and sending biomedical signals;
- Clinical trials to verify telemedicine effectiveness and health care savings;
- Telemedicine services for rural areas of developing countries;
- Telemedicine policy and regulation in developing countries.





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 guest-edited 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, and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems 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)