



Embedded IoT: System Design and Applications

Guest Editors:

Prof. Dr. Abdellah Touhafi

Department of Engineering
Sciences and Technology (INDI),
Vrije Universiteit Brussel, 1090
Brussels, Belgium

Dr. Gianluca Cornetta

Department of Information
Engineering, Universidad San
Pablo-CEU, 28003 Madrid, Spain

Deadline for manuscript
submissions:

closed (31 July 2021)

Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we aim at collecting high-quality submissions that include the theoretical aspects, the engineering aspects, and the application aspects of embedded IoT devices and systems. The topics of interest include but are not limited to:

- Embedded data visualization techniques for IoT-based instrumentation;
- Embedded AI techniques for IoT;
- Embedded energy harvesting for ultralow-power IoT devices;
- Security aspects of IoT-based systems;
- Advanced IoT hardware platforms and innovative architectures;
- Cross platform software design techniques for embedded IoT;
- Embedded and Real-time operating systems for IoT;
- Communication strategies for embedded IoT;
- Innovative antenna design for embedded IoT systems;
- Edge computing and Fog computing techniques for IoT applications;
- Embedded IoT for Industry 4.0 applications, e-health applications, smart buildings, smart cities, smart mobility infrastructure, education, the green economy and the sharing economy.





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)