

## Special Issue

# Smart Radio Environment: Better Building for Better Wireless Communications

### Message from the Guest Editors

The aim of this Special Issue is to promote the collaborative design of wireless communication systems/ antenna systems/metasurfaces and building layouts/materials for future smart buildings, since the interaction between electromagnetic waves and interior/exterior walls of buildings during radio propagation is inevitably affected by the inherent properties of building layouts and materials. We are going to promote the paradigm shift in actively adapting the specific building environments by configuring wireless communication systems/antenna systems/metasurfaces from passively overcoming the limitations brought by buildings themselves. **We welcome the scholars from interdisciplinary subjects, such as communications, electromagnetics, flexible electronics, optics, materials, architectures and civil engineering, to collaborate on designing buildings that are more friendly and compatible with wireless communication.**

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### Guest Editors

Dr. Yixin Zhang

Dr. Andrés Alayón Glazunov

Dr. Yu Shao

Dr. Zhuwei Li

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### Deadline for manuscript submissions

15 July 2026



## Electronics

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## 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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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