

Special Issue

Printed Antennas: Development, Performance and Integration

Message from the Guest Editors

This Special Issue will address the field of printed antennas. The current trend to develop “greener” electronics forces us to develop our systems on more environmentally friendly substrates, such as paper or cellulose, among others. On these greener antennas, various printing techniques must therefore be implemented to deposit the metallizations on such substrates (microcontact printing, screen-printing method, etc.). These antennas printed on biosourced substrates must also present interesting performances. This scope includes new areas of application and ways of integrating these communicating elements, such as antennas printed on textiles (smart textiles) but also antennas printed on flexible substrates, such as for RFID applications, 5G and 6G wireless technologies, etc. In this Special Issue, the problem of controlling the beam shape, the pointing direction of the beam, or improving the gain of these printed antennas can also be addressed. The area covered is therefore very broad.

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Deadline for manuscript submissions

closed (15 April 2025)



Electronics

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Impact Factor 2.6
CiteScore 6.1



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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.

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