

Special Issue

Covert Wireless Communication with Multi-Domain Uncertainties

Message from the Guest Editors

This Special Issue will focus on investigating fundamental and practical challenges for the analysis and design of covert communication with multi-domain uncertainties, proposing new transmission protocols and schemes for various metrics. More specifically, this Special Issue will bring together leading researchers and developers to present their views on the current trends and challenges, addressing various issues related to covert communication. Prospective authors are invited to submit original manuscripts on the following topics of interest, including but not limited to:

- Fundamental theory of covert communication
- Cooperation and relaying in covert communication
- Covert communication in time-critical networks
- Covert communication in massive MIMO systems
- RIS-aided covert communication
- Covert communication in spectrum sharing systems (cognitive radio, NOMA, etc.)
- Energy harvesting in covert communication
- Optimal coding for covert communication
- Machine learning in covert communication
- Covert communication in burgeoning scenarios (UAV, backscatter, etc.)
- Game-based resource allocation in covert communication

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closed (30 June 2024)



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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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