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Covert Wireless Communication with Multi-Domain Uncertainties

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Deadline for manuscript submissions: closed (30 June 2024)



Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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