

Special Issue

Celebrating 70th Anniversary of Beijing University of Posts and Telecommunications—Satellite–Ground Network Data-Fusion Technology and Its Applications

Message from the Guest Editors

This Special Issue aims to further boost academic exchange and technological innovation in the information and communication domain. We welcome original research papers and review articles on (but not limited to) the following topics:

- Heterogeneity unification and standardization of multi-source satellite–ground data;
- Efficient transmission and lightweight processing of satellite–ground data;
- AI-based intelligent satellite–ground data-fusion models;
- Satellite–ground data fusion in meteorological/geological/marine applications;
- Collaborative emergency communication and sharing of satellite–ground data security;
- Design of satellite–ground data-fusion systems;
- Lightweight AI model deployment for multi-level edge intelligence nodes;
- Performance evaluation and test verification for satellite–ground data-fusion systems;
- Semantic encoding optimization for efficient transmission of satellite–ground data.

Guest Editors

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Dr. Yuexing Peng

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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