Special Issue

Enabling Reconfigurable Intelligent Surfaces (RIS) for 6G Cellular Networks

Message from the Guest Editors

The future of wireless communications looks exciting with potential new use cases and challenging requirements of future 6th generation (6G) wireless networks. This Special Issue aims at bringing together academic researchers to introduce and share their recent works on the technical protocol and approaches to drawing recent advances of RIS-aided wireless networks and beyond communication networks. Potential topics include but are not limited to:

- Energy efficiency in RIS-aided networks;
- RIS-assisted UAV communications;
- Passive beamforming design in RIS-assisted systems;
- Physical layer security for RIS-aided networks;
- Low-complexity channel estimation in RIS-aided networks;
- RIS-aided networks for the Internet of Things (IoT);
- Non-orthogonal multiple access (NOMA) in RIS-assisted communications;
- Multiple-input multiple-output (MIMO) solutions in RIS-aided networks;
- Cognitive radio in RIS-aided networks;
- Design of backscatter transmission for RIS-aided networks.

https://www.mdpi.com/journal/electronics/special_issues/RIS_FOR_6G

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Deadline for manuscript submissions

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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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