

Special Issue

Reconfigurable Intelligent Surface (RIS) for Wireless Communications

Message from the Guest Editors

This special issue aims to provide a venue for the authors to share their research results on the advances in IRS-aided wireless communication networks and serve as a stimulus to promote and accelerate the development of the novel algorithm in the future 6G communications and beyond. Topics of interest include (but are not limited to) the following:

- Testbeds development and experimental measurements in IRS-assisted wireless communications
- Channel modeling for IRS-assisted communication systems
- Channel estimation solutions for IRS-aided wireless communications
- Robust transmission design for IRS-aided communications
- IRS-aided communications with statistical/partial channel state information
- IRS-aided mmWave/Terahertz/visible light communication
- IRS-aided wireless power transfer communication
- IRS-aided mobile edge computing system
- IRS-aided physical layer security techniques
- IRS-aided vehicle communications
- Artificial intelligence-empowered IRS-aided communication systems
- IRS-aided satellite communications

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2022)



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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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