

Special Issue

Artificial Intelligence in Radio Channel Modelling: Progress and Challenges

Message from the Guest Editors

This Special Issue aims to provide a comprehensive view of how AI can significantly improve our ability to understand, predict, and optimize radio channels, addressing the challenges and taking advantage of the opportunities offered by this exciting technology. Key topics of interest for this Special Issue include, but are not limited to, the following:

- Processing large channel measurement records;
- Identification of propagation patterns;
- Estimation of channel parameters;
- Interpretability of AI-based models;
- Channel estimation and prediction;
- Inherent challenges of AI in channel modelling;
- Channel modelling with application to advanced techniques based on extreme-MIMO and beamforming.

Guest Editors

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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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