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Cognition and Utilization of Electromagnetic Space Signals

Guest Editors:

Prof. Dr. Mingqian Liu
Communication Engineering College, Xidian University, Xi'an 710071, China

Prof. Dr. Yunfei Chen
Department of Engineering, University of Durham, Durham DH1 3LE, UK

Dr. Huaji Zhou
National Key Laboratory of Electromagnetic Space Security, Jiaxing 314000, China

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Message from the Guest Editors

Dear Colleagues,

The cognition and utilization of electromagnetic space signals have long provided the basis of electromagnetic signal processing. With the emergence of technologies and services, there has been exponential growth in the variety of types of electromagnetic equipment and systems, such as communication, radar, navigation, remote sensing, etc., resulting in the emergence of electromagnetic signals with complex characteristics. To attain a thorough comprehension and optimal usage of intricate electromagnetic spatial signals, it is imperative to investigate fresh models and concepts of electromagnetic spatial perception and usage. These include immersive perception, integrated detection of subject and object, and measurement fusion, which can prompt leapfrog development and disruptive innovation within the corresponding electromagnetic information technology sector. Topics of interest include, but are not limited to, the following areas:

- interaction mechanism of electromagnetic signals
- intelligent sensing of electromagnetic signals
- intelligent cognition of electromagnetic signals
- fusion characterization of electromagnetic signals

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Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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