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Cognition and Utilization of Electromagnetic Space Signals

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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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Message from the Editor-in-Chief

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