

## CALL FOR PAPERS

### Special Section on High-Dimensional Signal Processing

Massive amounts of data are acquired in modern and future information technology industries such as communication, radar, and remote sensing. The presence of large dimensionality and size in these data offers new opportunities to enhance the performance of signal processing in such applications and even motivate new ones. However, the curse of dimensionality is always a challenge when processing such high-dimensional signals. In practical tasks, high-dimensional signals need to be acquired, processed, and analyzed with high accuracy, robustness, and computational efficiency. To address these challenges, it is necessary to develop new theories and methods that are best suited to the high dimensional nature of the signals involved, and explore modern and emerging applications in this area.

#### Scope of the Special Section

This special section aims to collect the latest original contributions in high-dimensional signal processing with new theories, analyses, models, methods, and applications. The topics of interest include, but are not limited to

- High-dimensional signal processing theory
- High-dimensional signal processing methods
- High-dimensional signal processing performance analysis
- High-dimensional system control
- High-dimensional signal processing for communication
- High-dimensional signal processing for radar and sonar
- High-dimensional signal processing for remote sensing
- High-dimensional signal processing for location, tracking and navigation
- High-dimensional signal processing for electronic countermeasures

#### Submission

Authors should prepare papers according to the TEMPLATE of Journal of Systems Engineering and Electronics, the Guide for Authors is found in <https://www.jseepub.com/EN/column/column19.shtml>, and submit the Word version of the complete manuscript through the online submission system. When submitting the manuscript, the title format should be “Title (Special Section on **High-Dimensional Signal Processing**)”.

#### Important Dates

##### Manuscript Due

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##### Final Review Notification

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##### Expected Publication Date

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