

## Special Issue

# Advances on EEG-Based Sensing and Imaging: 2nd Edition

### Message from the Guest Editors

Following the success of the previous Special Issue "Advances on EEG-Based Sensing and Imaging" ([https://www.mdpi.com/journal/sensors/special\\_issues/EEG\\_SI](https://www.mdpi.com/journal/sensors/special_issues/EEG_SI)), we are pleased to announce the next in the series, entitled "Advances on EEG-Based Sensing and Imaging: 2nd Edition". This Special Issue of *Sensors* aims to communicate recent advances in the sensing techniques and analytical methods applied in EEG. Authors are invited to submit cutting-edge research on topics including, but not limited to, the following:

- Development of EEG sensors and wearable devices, especially for brain-computer interfaces;
- Multi-modal sensor fusion (e.g., EEG with fNIRS, fMRI, ECG, eye-tracking, etc.);
- Application of signal processing techniques in EEG denoising, especially for data collected during motion and transportation, or from populations with a known characteristic of high noise level (e.g., infants and children);
- Discovery of biomarkers in neurological and neurodevelopmental disorders;
- Adoption of machine learning and deep learning algorithms in understanding large-scale EEG data.

### Guest Editors

Dr. Winko W. An

Dr. Laurel Gabard-Durnam

Dr. Wanze Xie

**Deadline for manuscript submissions**



## Sensors

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## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

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