

Special Issue

Artificial Intelligence and Sensing Technologies Based Astrophysics and Applications

Message from the Guest Editors

Astrophysics is a major branch of science that relies on advanced and innovative technology. In particular, imaging and image data processing are cornerstones for the development of the field. The main goal of this special issue is to promote cross-fertilization between astrophysics technology and other fields, such as remote sensing, aerospace, unmanned vehicles, and medical imaging by leveraging recent advances in artificial intelligence and sensing technologies. Topics of interest include, but are not limited to, the following: Imaging: Camera-based (thermal, NIR, visible, etc) distant monitoring of biomedical parameters; Machine-learning based biomarker extraction for triage, screening and diagnosis. Aerospace, unmanned vehicles and remote sensing. Artificial intelligence, machine learning, deep learning, as related to imaging and sensing applications. Link: <https://www.mdpi.com/si/48982>

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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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