



Artificial Intelligence and Sensing Technologies Based Astrophysics and Applications

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

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.

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Guest Editors





sensors



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Message from the Editor-in-Chief

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