

Special Issue

Atomic and Optics Technologies in Astrophysics

Message from the Guest Editor

This Special Issue focuses on the application of atomic and optics technologies in astrophysics. Atomic and optical technologies play a crucial role in astrophysics by enabling the study of light-matter interactions and the development of advanced instruments for astronomical observation. These technologies are essential for understanding the fundamental properties of celestial objects, analyzing their spectra, and even directly imaging exoplanets. These technologies have the following possible applications: spectroscopy; atomic astrophysics; atomic, molecular, and optical (AMO) physics; theoretical atomic astrophysics; telescopes and optical systems; coronagraphy and star-shades; space-based interferometers; atomic clocks and sensors; quantum technologies; etc.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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