

Special Issue

High Energy Multi-Messenger Astrophysics: Latest Research and Reviews

Message from the Guest Editor

Cosmic rays (CRs) bring information about the surrounding universe, our Galaxy, and also extragalactic space, at least at the highest observed energies. They represent one of the most important energy transformation processes in the Universe.

Understanding their origin and propagation through the interstellar medium (ISM) is a fundamental problem that has a major impact on models of the structure and nature of the Universe. Charged cosmic rays, gammas, and neutrinos are strongly correlated with CR sources where hadronic accelerators are at work. In this Special Issue, we invite the submission of papers exploring the development of multi-messenger and multi-wavelength approaches. Contributions can focus on the latest research and results regarding measurements and modeling in CR physics, gamma-ray astronomy, and neutrino astronomy with correlations with gravitational wave observation. Survey papers and reviews are also welcome.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2023)



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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.

Editor-in-Chief

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