Special Issue

Research on Cosmic Rays and Their Impact on Human Activities

Message from the Guest Editors

The cosmic ray spectrum extends over 14 orders of magnitudes in energy and about 12 in intensity.

The last few decades have seen a flourishing of new techniques applied to space science, with experiments taking center stage in the unveiling of the properties of cosmic radiation at low and high energy, and to ground experiments with combined hybrid techniques that have allowed investigating a plethora of phenomena—many of which are not well understood yet—affecting the lower portion of the energy spectrum, as well as capturing the rarest and most puzzling high-energy cosmic rays.
In this Special Issue, we invite submissions exploring the development of technology built for measuring the cosmic ray flux in different energy regimes, possibly highlighting how such technologies would help in studying, understanding and—hopefully in some cases—forecasting cosmic ray variations on multiple time-scales. Contributions can focus on platforms, detectors, algorithms, models, techniques or integrated monitoring systems. Survey papers and reviews are also welcomed.

Guest Editors

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Deadline for manuscript submissions

closed (10 October 2021)

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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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