Special Issue

Solar Cosmic Rays

Message from the Guest Editor

A large number of studies have shown that solar cosmic ray events are closely related to solar eruptive high-energy processes, such as solar flares, coronal mass ejections, reconnection, and dynamics of solar magnetic fields. Solar energetic particles may also produce a radiation hazard in space and influence the Earth's environment. Thus, monitoring and forecasting solar particle flux has become increasingly important. Although the study of solar cosmic rays has achieved great progress in recent decades, there are still many scientific topics to be deeply understood and explored, for example, acceleration and propagation mechanisms of solar energetic particles at the Sun and in the interplanetary medium. Today, we have large amounts of data available in different energy channels to do comprehensive studies for these unknown problems. This Special Issue focuses on the current research status and future prospects of solar cosmic rays. Any related topics or new ideas beyond the current framework, be they theoretical, experimental, data analytical or other, are welcome.

Guest Editor

Prof. Dr. Ruiguang Wang

Experimental Physics Division, Institute of High Energy Physics, The Chinese Academy of Sciences, Beijing 100049, China

Deadline for manuscript submissions

closed (31 March 2022)

Universe

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 5.2

mdpi.com/si/77354

Universe
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
universe@mdpi.com

mdpi.com/journal/universe

Universe

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 5.2

mdpi.com/journal/universe

MDPI

About the Journal

Message from the Editor-in-Chief

The multidisciplinary journal *Universe* is aiming to follow and, hopefully, to lead to the largest extent as possible the ever-self renovating threads which weave mathematical theories with our understanding of the magnificent natural world. On behalf of all the distinguished members of the Advisory and Editorial Boards, I extend my welcome to this journal and look forward to hearing from the interested contributors and learning about their valuable research.

Editor-in-Chief

Prof. Dr. Lorenzo Iorio
Ministero dell' Istruzione e del Merito, Viale Unità di Italia 68, 70125 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Astrophysics Data System, INSPIRE, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Astronomy and Astrophysics) / CiteScore - Q2 (General Physics and Astronomy)