



Nuclear and Ray Technologies for Space Physics Applications II

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

Nuclear and ray technology have significantly contributed to the recent epoch of multi-messenger physics and astrophysics. For future scientific space missions devoted to study fundamental physics and astrophysics, as well as space weather and the Earth's magnetosphere, the development of novel technologies for sensors and front-end electronics is paving the way to new pioneering detectors.

This Special Issue is focused on the latest developments and research results of novel sensor technologies, which span from modules with integrated readout and processing electronics to sensors and new electronics production methods, relying on ground-breaking additive manufacturing techniques. Among other technologies, additive manufacturing has been proven to enable a new design approach integrating different materials and functionalities.

The latest technological developments on sensors and front-end electronics will be shared through this Special Issue. We invite researchers and investigators to contribute with their original research or review articles to this Special Issue.

Dr. Cristian De Santis

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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