

Special Issue

Advanced Neutrino Detector Development and Application

Message from the Guest Editor

Whether neutrinos have mass remains an unanswered physics question beyond the Standard Model of particle physics. Therefore, the research on neutrinos has always been a hot topic in fundamental physics. At the same time, the advancement of neutrino oscillation and property studies is now making neutrinos a unique probe for detecting nuclear energy from the Earth, the Sun, and the stars in the universe. We have already seen many efforts to build a real-time unbiased monitor for nuclear reactors' operation in power plants. In the future, researchers are even thinking of using neutrinos for tomography of the Earth's interior. The papers in this Special Issue will summarize the current progress and prospects of neutrinos in the above aspects.

Guest Editor

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Deadline for manuscript submissions

closed (20 February 2025)



Applied Sciences

an Open Access Journal
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CiteScore 5.5



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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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