

Special Issue

The Search for Feebly-Interacting Scalar Particles

Message from the Guest Editor

The open-access journal *Particles* has launched a new Special Issue entitled "The Search for Feebly Interacting Scalar Particles". Interaction among the Higgs boson and a new scalar (also known as Higgs portal interaction) is proposed in many models to address some of the most important open problems in particle physics. This issue is intended to cover all aspects of the search for and measurements of this new phenomenology at accelerator experiments, both at the high-energy and at the high-intensity frontier. Papers submitted to this Special Issue are expected to also discuss the techniques (detector, trigger, reconstruction, or analysis) exploited to identify such elusive signatures, thus providing an overview of the complementary strategies followed at collider and at extracted beam experiments. As Guest editor, we invite you to contribute an original article or balanced review to this Special Issue. Both papers presenting the current state of these searches in running experiments and papers discussing new ideas for future experiments will be accepted.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2022)



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About the Journal

Message from the Editor-in-Chief

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