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Paths beyond the standard theory

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Abstract content

The Standard Model of particle physics represents a remarkable achievement on the search for an understanding of the fundamental interactions and constituents of matter. Nevertheless, it has a limited capability to answer some of our more fundamental questions about the nature of physics at shorter distances. Thus, many theorist do believe the Standard Model is but an intermediate stage on a longer trip, whose final destination is yet unclear. This talk intents to provide a general and broad overview of some of the main venues that theoretical physics are following to explore the possible physics beyond the Standard Model.

Summary

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