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Testing left-right symmetric extensions of the Standard Model

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The difference between left- and right-handed particles is perhaps one of the most puzzling aspects of the Standard Model (SM). In left-right models (LRMs) the symmetry between left- and right-handed particles can be restored at high energy. Due to this symmetry these models are quite predictive with regards to experimental observables, making them interesting beyond the SM candidates. This talk will review the most important features of the more symmetric LRMs. These include attractive aspects, like the symmetry between left and right and the natural implementation of the see-saw mechanism. The problem of the generally large fine-tuning in the Higgs sector in these models will also be addressed. Furthermore, an overview of the experimental constraints on these models will be given, con

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