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Overview of Parity Violation and Fundamental Symmetries

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The fields of nuclear and particle physics have undertaken extensive programs of research to search for evidence of new phenomena via the precision measurement of observables that are well predicted within the standard model of electroweak interaction. The standard model is known to be incomplete as it does not include gravity and dark matter/energy and therefore likely the low energy approximation of a more complex theory. This talk will be an overview of the motivation, experimental method and status of some of these efforts (past and future) related to precision in-direct searches that are complementary to the direct searches currently underway at the Large Hadron Collider.