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Searches for New Physics at the LHC, Current Status and Future Prospects

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The Large Hadron Collider (LHC) is scheduled to resume operation in 2015, delivering higher energy collisions and an opportunity for new discoveries. The ATLAS and CMS experiments will analyze the LHC collisions with the goal of detecting deviations from the Standard Model and determining how to explain them. This talk presents an overview of the experimental techniques to search for new physics at the LHC, as well as perspectives on what we expect to learn from the future LHC data.