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Searching for Supersymmetry at the Large Hadron Collider

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The Large Hadron Collider (LHC) at CERN currently provides the highest energy particle collisions ever produced in a laboratory. This talk presents searches for physics beyond the standard model in these high energy proton-proton collisions at the CMS experiment. In particular, we will discuss the current state and future prospects for the discovery of supersymmetry, a proposed symmetry of nature between fermions and bosons which may explain the particle nature of dark matter and allow for the unification of the strong, weak, and electromagnetic forces.