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New Physics Searches at the LHC: Results and Future Prospects

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Over the Run 1 operation of the Large Hadron Collider (LHC), the Standard Model (SM) is completed by the discovery of the Higgs boson and has proven incredibly robust. However there are many open questions remain unanswered and the SM cannot be the whole story. Broad programs searching for new physics beyond the SM have been performed by the ATLAS and CMS experiments at the LHC using the Run 1 data. In this talk, selective searches from both experiments are presented. The future prospects from the LHC Run 2 operation will be also discussed.