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Non-SUSY BSM Searches: Recent Results from ATLAS & CMS

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The Standard Model of particle physics is a sensational success, especially since the discovery the 125 GeV Higgs boson.
However, there are still numerous unanswered questions···Why is the Higgs so light? Do the interactions couplings unify and how can gravity be included? Why three fermion generations? What is dark matter?
Theories Beyond the Standard Model (BSM), such as Grand Unified Theories, Extra Dimensions or Technicolour are trying to answer these questions.
In this talk, we will focus on the most recent results obtained by the ATLAS and CMS experiments at the LHC for BSM searches, excluding Higgs and supersymmetry searches. New results in Dark matter, heavy narrow bosons, new heavy quarks and 3rd generation lepto-quarks will be presented.
A brief summary of the perspectives at 14 TeV and at HL-LHC will be shown.

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