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The LHC and the Universe

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From the discovery of the Higgs boson to constraints on dark-matter interactions and on new-physics effects, the LHC run at 8 TeV has contributed greatly to our knowledge of the particle physics world. I will highlight how this knowledge is influencing advancements in the physics of the early universe and how the interplay between particle physics and cosmology will progress with the 13 TeV LHC run.

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