

## New Trends in High-Energy Physics



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### Search for Manifestations of New Physics

Understanding the structure of matter has been one of the most astonishing puzzle about the universe and life since ages. Each answer that people discovered has fed the curiosity for knowing the smaller. With this desire, many effort has been made so far. Today, we are witnessing some of the most exciting moments of this search thanks to the Large Hadron Collider (LHC), the world's most powerful accelerator. The quest for new physics beyond the standard model (BSM) is one of the driving topic for LHC Run2 and all the LHC collaborations are pursuing searches for new physics in a vast variety of channels. In this talk, I will summarise the status of these searches at LHC.

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