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Latest results from the Pierre Auger Observatory

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The Pierre Auger Observatory has been designed to investigate the origin and nature of Ultra High Energy Cosmic rays with energies from 10^{17} to 10^{20} eV. In this paper we will review some of the most recent results obtained from data of the Pierre Auger Observatory, namely the spectrum of cosmic rays, the anisotropies in arrival directions and the studies related to mass composition and to the number of muons measured at ground. We will also discuss the implication of these results for assembling a consistent description of the composition, origin and propagation of cosmic rays.

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