

Anisotropy studies with the Pierre Auger Observatory

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Anisotropy studies with the Pierre Auger Observatory The Pierre Auger Observatory in Argentina measures air showers initiated by cosmic rays at EeV energy scales and above. An important goal of the collaboration is to study the distribution of arrival directions of the primary particles and quantify potential anisotropies. Recent results from anisotropy searches using data collected with the Pierre Auger Observatory will be presented. These include a search for a large scale dipolar anisotropy pattern, a search for localized excesses of cosmic ray neutrons, the search for multiplets of aligned events, and an update on the search for correlations between events with energy above 55 EeV and the positions of active galactic nuclei.

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