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Cosmic Ray Physics with ARGO-YBJ

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The ARGO-YBJ experiment consists of a 5700 m2 single layer of Resistive Plate Chambers situated at the Yangbajing Cosmic Ray Laboratory, Tibet (P.R. of China), 4300 meters a.s.l. A partially instrumented guard ring (1700 m2) around the central zone extends the instrumented area up to 11000 m2.
The experiment is sensitive to extensive air showers initiated by primaries in the 10^9-10^15 eV energy range. A review of the most important results obtained in gamma- and cosmic-ray physics will be given, focusing on the new information that they give on the galaxy and the solar system.

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