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The DAMPE experiment: a probe for high energy cosmic-ray.

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The DAMPE (DARk Matter Particle Explorer) satellite was launched on December 17, 2015 and it is taking data from more than 18 months. It is designed to probe the highest energy cosmic-ray accelerators and to study the nature of dark matter thanks to its excellent tracking and calorimetric performances in the measurements of electrons, gamma rays, protons and nuclei. A report on the mission goals and status will be given. The on-orbit detector performance will be also shown.

Experimental Collaboration

DAMPE

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