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Recent results from the DAMPE experiment

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DAMPE (Dark Matter Particle Explorer) is a powerful space-borne experiment for direct detection of high-energy cosmic rays, electrons and gamma rays. DAMPE scientific goals include the search for dark matter signatures in electron and photon energy spectra from few tens of GeV up to 10TeV with unprecedented resolution (better than 1.5% at 800GeV), and the study of galactic cosmic rays with energies up to 100TeV/n (with resolution better than 40% at 800GeV). The latest scientific results of DAMPE will be reported, together with the detector description and the on-orbit detector performance.

Collaboration name

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