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Electron and antiproton measurements and Dark Matter Searches

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New interesting results on high-energy spectra of electron, positron and antiproton cosmic rays have been obtained in the recent years by balloon borne and satellite experiments. The data have been theoretically studied in an extensive way in terms of dark matter annihilation signals, pulsar contributions, new mechanisms of acceleration and propagation of cosmic rays in the Galaxy.

A review of the experimental indirect dark matter searches will be presented, as well with an overview of the main trends in the theoretical interpretation of the collected data.

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