

## Cosmic-ray electron+positron spectrum with the Fermi Large Area Telescope

*Friday, 15 May 2009 14:30 (25 minutes)*

We present a measurement of the inclusive cosmic-ray electron and positron (CRE) spectrum between 7 GeV and 2 TeV performed with almost seven years of data collected with the Fermi Large Area Telescope. The spectrum above 100 GeV can explore the properties of local CRE sources.

Because of the long live time and the very large acceptance of the LAT, our data are the largest CRE sample available to date, with  $\sim 10\text{k}$  events above 1 TeV. In this talk I will present the results of the analysis and discuss some possible implications.

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**Session Classification:** CR