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## Measurement of cosmic muons - L3+C results

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The L3+C is a unique tool in detecting cosmic muons and measuring their momenta in the range of 15-3000 GeV/c. About  $1.2 \times 10^{10}$  cosmic muon events have been collected during its running period in 1999-2000. With these high quality data many results on cosmic rays and gamma rays have been obtained, for example, the measurement of the atmospheric muon spectrum and the muon charge ratio, the search for TeV anti-protons by the muon shadowing, the coincidence of muons with the solar flares, the search for transient flaring point sources by detecting the muon burst, the analysis of muon bundles and comparison to simulations, and so on. In this talk, above results as well as a few of remarks on the future muon experiment will be summarized and presented.

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