

Direct measurements of Galactic Cosmic Rays

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Direct measurements of cosmic rays have finally entered a precision era. Large particle physics experiments operating in space allowed high-statistic measurements of the cosmic ray energy spectra, of their chemical and isotopic composition, and of the rare anti-matter components, in a wide energy range. In this talk, I will review the progress in the field, the recent results, their implications on our understanding on the origin of cosmic rays, the new open questions, the challenges for future experiments of direct detection of cosmic rays.

Primary author: TOMASSETTI, Nicola (University of Perugia and INFN - Perugia)

Presenter: TOMASSETTI, Nicola (University of Perugia and INFN - Perugia)

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