

# Cosmic-ray anomalies

*Monday, 11 November 2024 10:30 (10 minutes)*

I review some anomalies in the measured fluxes of Galactic charged cosmic rays and the associated non-thermal emission (in particular: high-energy positrons, features in the proton spectrum, gamma-ray hardening towards the Galactic centre, 511 keV line). These anomalies may point towards interesting aspects of cosmic-ray production and propagation or new physics.

**Primary author:** GAGGERO, Daniele (Istituto Nazionale di Fisica Nucleare)

**Presenter:** GAGGERO, Daniele (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Introduction and brainstorming talks