



Contribution ID: 19

Type: oral

## Production and Acceleration of Antinuclei in Supernova Shockwaves

*Thursday, March 28, 2019 2:20 PM (20 minutes)*

We compute the energy spectra of antideuterons and antihelium in cosmic rays in a scenario where hadronic interactions inside supernova remnants can produce a diffusively shock-accelerated “source component” of secondary antinuclei along with their standard secondary component expected from cosmic ray collisions in the interstellar gas.

**Primary authors:** OLIVA, Alberto (CIEMAT); TOMASSETTI, Nicola (INFN and University of Perugia)

**Presenter:** OLIVA, Alberto (CIEMAT)