

The TeV astrophysics of the Sun

Wednesday 27 August 2025 15:00 (20 minutes)

Surprisingly, the Sun is found that be a bright gamma-ray source at TeV, due to cosmic rays interacting with the solar atmopshere and produces hadronic gamma rays. I will discuss the detection of TeV solar gamma rays by HAWC, which could be a novel probe for solar magnetism, and its implications for detecting TeV neutrinos and dark matter searches from the Sun.

Collaboration you are representing

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