

The EUSO-TA telescope for observing UHECR

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EUSO-TA is an on-ground prototype of an orbital Ultra High Energy Cosmic Rays detection mission - JEM-EUSO. It consists of two 1 m² Fresnel lenses and a 2304 pixel focal surface, with resulting field of view of about 10.5x10.5 degrees, and has been working on Telescope Array site in Black Rock Mesa, Utah, USA since the end of February 2015. We show here first observations of calibration sources such as stars, lasers and LEDs, as well as first results from detection of cosmic rays.

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