

# Galactic Science with the ASTRI-Mini Array during the Observatory phase of the project

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The ASTRI-Mini Array will be composed of nine imaging atmospheric Cherenkov telescopes at the Teide Observatory site. The array will observe in the 1-200 TeV range with an angular resolution of few arc-minutes and an energy resolution of about 10%.

A core-science programme will be devoted in the first three years to a limited number of key science targets. Additionally, thanks to a field-of-view of about 6 degree radius, ASTRI-MA will collect data from many other field sources that will constitute the base of a long-term Galactic observatory programme.

In this contribution, I will overview the main themes for this extended observatory science programme for the different astrophysical Galactic environments, e.g. pulsar wind nebulae, supernova remnants, gamma-ray binaries, globular clusters, and dark matter search.

## Keywords

ASTRI-Mini Array; IACT; Galactic VHE sources;

## Collaboration

other (fill field below)

## other Collaboration

ASTRI

## Subcategory

Future projects

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**Session Classification:** Discussion

**Track Classification:** Scientific Field: GAI | Gamma Ray Indirect