

Status of the LHAASO observatory

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LHAASO is a complex of air shower detector arrays under construction. With the detection of muons in air shower, the arrays have strong selection power of VEH-UHE gamma rays out of the CR background. Its wide FoV and continuous operation time will provide a survey sensitivity of 10 mini-Crab-unit over the whole northern sky and monitoring for transient phenomena, such as GRB HE-photons. The differential sensitivity better than 0.1 CU covers the wide energy range up to 100 TeV. This opens an opportunity of finding concrete evidences for galactic CR sources. The first 1/4 of the array will be put in operation in the beginning of next year. The status of the construction will be updated in the report.

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