

## Updates on the GammaLearn project: application to real data

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The Cherenkov Telescope Array (CTA) is the future of ground-based gamma astronomy and will be composed of tens of telescopes divided in two arrays in both hemispheres.

GammaLearn is a project started in 2017 to develop innovative analysis for CTA event reconstruction based on deep learning.

Here we present a status report of the project, the network architecture developed for event reconstruction from a single telescope and its performances on simulated and real data.

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