ICRC2015

ICRC
The Astroparticle Physics Conference
34th International Cosmic Ray Conference
July 30 - August 6, 2015
The Hague, The Netherlands

Contribution ID: **330** Type: **Poster contribution**

# Analysis of the first observations with the new MAGIC Sum-Trigger-II

*Thursday, July 30, 2015 3:30 PM (1 hour)*

The MAGIC telescopes were built with the aim of achieving the lowest possible energy threshold among the current generation of Cherenkov telescopes. This was mandatory to detect sources with emission mainly below 100 GeV, as distant AGNs and pulsars. In 2009, the second MAGIC telescope started operation, and in the last years, a major upgrade of the system took place. One of the main improvements has been the development of a new version of the Sum-Trigger concept, valid for stereoscopic observations. This Sum-Trigger-II system was installed during Winter 2013/14, and since then, we have collected the first test data to characterize its scientific capabilities. In this contribution the results of the analysis of the first Crab pulsar data taken with the Sum-Trigger-II are shown, demonstrating the potential of this new system to study gamma-ray sources with high sensitivity above 40 GeV.

## Collaboration

MAGIC

## Registration number following "ICRC2015-I/"

333

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**Session Classification:** Poster 1 GA

**Track Classification:** GA-IN