



Contribution ID: 168

Type: Oral

The MAGIC multi-messenger program

Friday, 11 August 2017 15:00 (15 minutes)

Recently many observational facilities have entered in their operational phase or they will approach the design sensitivity in the nearest future, allowing us to observe the universe with very high energy photons, cosmic rays, neutrinos and gravitational waves.

The MAGIC observatory: a system of two Imaging Atmospheric Cherenkov Telescopes located at the Canary Island of La Palma, thanks to its low energy threshold (~ 50 GeV) and fast slewing capability is taking an active role in many multi-messenger activities. Since many years MAGIC is involved in several multi-instrument programs mostly connected to transient phenomena such as: Gamma Ray Bursts, Fast Radio Bursts, follow-up of gravitational wave and neutrino alerts. In this talk I will present the MAGIC telescopes strategies for multi-messenger follow-up and observations of transient sources and their recent results.

Primary author: SATALECKA, Konstancja (DESY Zeuthen, Germany)

Presenter: SATALECKA, Konstancja (DESY Zeuthen, Germany)

Session Classification: Multi-messenger

Track Classification: Multi-messenger (incl. gravitational waves) and nuclear astrophysics