## Monitoring the non-thermal Universe 2018



Contribution ID: 46

Type: Oral

## Monitoring blazars with Fermi-LAT and prompt triggering on flares

Tuesday, September 18, 2018 9:50 AM (20 minutes)

Blazars exhibit strong variability, and abrupt changes in their flux are observed at high energies down to hour-, or even minute-time scales. Regular monitoring and prompt identication of these variations is key to organise quick follow-up observations. Thanks to its allsky monitoring capabilities, the *Fermi*-LAT is a very powerful instrument to survey the high energy sky and reveal such bursts. In this contribution, an automatic pipeline - FLaapLUC (*Fermi*-LAT automatic aperture photometry Light C<->Urve) - aiming at quickly providing alerts on variable activity in blazars is described, and applications to trigger ToO campaigns with H.E.S.S. are described.

Author:LENAIN, Jean-Philippe (LPNHE, CNRS/IN2P3)Presenter:LENAIN, Jean-Philippe (LPNHE, CNRS/IN2P3)Session Classification:Gamma-Ray