

Workshop on a wide field-of-view Southern Hemisphere TeV gamma ray observatory

Contribution ID: 21

Type: **not specified**

Binary Source Opportunities for a Southern Gamma-ray Observatory

Thursday, 10 November 2016 11:45 (10 minutes)

The recent discovery of a sixth gamma ray binary in the Large Magellanic Cloud by the Fermi Large Area Telescope opens up new possibilities for TeV binary searches in the near extragalactic region. Located in the Southern hemisphere, its high luminosity and position in the Large Magellanic Cloud makes this system a unique discovery target for a southern gamma-ray survey observatory. This object, and others like it yet to be detected at TeV and GeV energies may help provide insight into the nature of the emission mechanisms of these sources. This talk will review some known and candidate TeV binary sources in the field of view of a southern gamma-ray observatory

Primary author: Mr BRISBOIS, Chad (Michigan Tech)

Presenter: Mr BRISBOIS, Chad (Michigan Tech)

Session Classification: Wide FOV Gamma Ray Science

Track Classification: Gamma ray science