

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

Contribution ID: 4

Type: **not specified**

Antares Modules In a Gamma-ray Observatory (AMIGO)

Friday, 11 November 2016 11:00 (20 minutes)

After 10 years of successful operation the ANTARES neutrino telescope will be de-commissioned during 2017. Recently we prepared a proposal which has been submitted to the ANTARES Collaboration in 09/2016: Antares Modules In a Gamma-ray Observatory (AMIGO). We therein propose to recover the optical modules (17inch glass spheres housing each a 10inch PMT) during the de-commission operation and dedicate them to a next generation, wide-field of view gamma-ray observatory in the Southern Hemisphere. In this contribution we outline the driving ideas behind the AMIGO proposal, discuss its status and upcoming work.

Primary author: Dr SCHÜSSLER, Fabian (CEA/Irfu)

Presenter: Dr SCHÜSSLER, Fabian (CEA/Irfu)

Session Classification: Hardware

Track Classification: Current detectors