Irfu
Institut de recherche
sur les lois fondamentales
de l'Univers

Séminaire DPhP

Lundi 17/12/2018, 11h00

CEA-Saclay Bât. 141, salle André Berthelot

The ALTO Gamma-Ray Observatory

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Ground-based gamma-ray astronomy is a young and active field which, in the last decades and with the operation of the HESS, Veritas and MAGIC Imaging Atmospheric Cherenkov telescopes, has given a large contribution in the understanding of the high energy Universe. In the last five years the HAWC observatory located in the Northern hemisphere has additionally proven that the most energetic Universe can also be observed with particle detectors capable of monitoring the sky 24 hours per day where a large portion of it (2 steredians) is viewed simultaneously. It is in this context that since 2015 Linnaeus University is working on a project, called ALTO, to construct and operate a hybrid particle detector for gamma-ray astronomy to be installed in the Southern hemisphere. In this seminar, I will present the status of the ALTO project.

Le café sera servi 10 minutes avant.

NB : La présentation d'une pièce d'identité est exigée à l'entrée du centre. Tous les auditeurs extérieurs sont priés de prévenir à l'avance Martine Oger, tél. 01 69 08 23 50, e-mail : `martine.oger@cea.fr`. (U.E. : délai de 24 h, hors U.E. : délai de 4 jours).