

Mardi 5 décembre 2017 à 14h (IAS, bâtiment 121, salle 1-2-3)

Antartic Space Weather program of the LAGO Collaboration for cosmic rays

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The LAGO (LAGO: Latin American Giant Observatory) project is a collaborative network formed by eleven countries (Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guatemala, Mexico, Peru, Spain, and Venezuela). One of the aims of LAGO is to study the flux of the secondary particles at ground level, and to link them with the associated primary fluxes to better understand the modulation of CRs in the heliosphere and solar energetic particles. Another main aim is to monitor this flux to provide operative Space Weather information. In this seminar, we present the LAGO project and also an update of the state of the art of the LAGO Antarctic node, to be deployed in the Argentine Marambio base, in the Antarctic peninsula.