

The GTC scientific archive

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Abstract

At present, data management in telescopes of class 8–10 meters is very inefficient. The Gran Telescopio Canarias (GTC) scientific archive that is being developed by the Centro de Astrobiología (CAB) in the framework of the Spanish Virtual Observatory is aimed at avoiding this situation, providing the telescope with an archive accessible via internet, guaranteeing the accessibility, efficiency, visibility and data security demanded by a telescope of its entity. The GTC archive will also be adapted to the standards defined by the International Virtual Observatory, maximizing the visibility of the data produced by the telescope. The main characteristics of the GTC scientific archive are described in this poster.