

The AGILE data archive and data management system c/o the ASI Space Science Data Center

Wednesday 26 February 2025 11:40 (20 minutes)

AGILE (Astrorivelatore Gamma ad Immagini LEggero) has been a unique and successful space mission of the scientific program of the Italian Space Agency (ASI) focused on high-energy astrophysics, built and operated with the programmatic and technical support of INAF and INFN. During almost 17 years of observations in orbit (from April 23, 2007, to January 18, 2024), AGILE contributed in fundamental ways to high-energy astrophysics, cosmic-ray physics, solar physics and to the study of terrestrial gamma-ray flashes. Its archives and catalogs, compliant with FAIR principles, are available to the community through the AGILE Data Center, which is part of the ASI multi-mission Space Science Data Center (SSDC, previously known as ASDC). In this presentation, we give an overview of the AGILE data archive and data management system.

Even if AGILE was a *small* space mission that could not be classified within the context of so-called “big data”, it also had a Guest Observer Programme and addressed many issues that can be a useful example for the future.

Primary author: Dr PITTORI, Carlotta (Istituto Nazionale di Astrofisica (INAF))

Presenter: Dr PITTORI, Carlotta (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Session 2 - International and National Projects Archives