

NewAthena Community People



Didier Barret

Didier is Director of [Research at the French Research Council](#) (CNRS) where he was hired in January 1997. He is employed at the [Institute of Research in Astrophysics and Planetology](#), hosted by the [University of Toulouse](#).

On the scientific side, his research is centered on the analysis and the interpretation of X-ray data collected by space observatories from various X-ray sources, including X-ray binaries and Active Galactic Nuclei. More recently, he has been investigating how deep learning can help us in analyzing complex X-ray data.

On the instrumental side, since 2013, he is acting as the Principal Investigator of the [X-ray Integral Field Unit](#) (X-IFU) to fly on board the NewAthena [X-ray Observatory](#). X-IFU is developed by an international consortium of 12 European countries and the United States. It is led by the [French Space Agency](#) (CNES) and involves the technical or scientific contributions of about 300 members, spread in about 50 different organizations.

