

**Proponente:** Maurizio Paolillo (paolillo@na.infn.it)

**Titolo:** "*Studying the X-ray binary population in Elliptical galaxies*"

**Descrizione:** This project is focused on studying the population of Low-Mass X-ray binaries in the Globular Cluster system and in the field stellar population of Elliptical galaxies. Mainly experimental work: the student will learn to work on a combination of HST optical and Chandra X-ray data. A preview of the HST dataset can be found at [http://people.na.infn.it/~paolillo/NGC1399\\_it.html](http://people.na.infn.it/~paolillo/NGC1399_it.html).