

Seminarium Studium Doktoranckiego NCBJ
Thursday, 24 October, 9:00
Sala 404 w NCBJ, Pasteura 7

Speaker: **Gabriele Riccio (Studium Doktoranckie NCBJ)**

Title: **Low mass X-ray binaries in intra-cluster Globular Clusters in Fornax**

Abstract:

The formation of Low mass X-ray binaries (LMXB) is favored within dense stellar systems such as Globular Clusters (GCs). The connection between LMXB and Globular Clusters has been extensively studied in the literature, but these studies have always been restricted to the innermost regions of galaxies. We present a study of LMXB in GCs within the central 1.5 deg^2 of the Fornax cluster with the aim of confirming the existence of a population of LMXB in intra-cluster GCs and understand if their properties are related to the host GCs, to the environment or/and to different formation channels.