

## Classification of X-ray sources in M82

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### Abstract

We propose to analyze the data from the Heritage observation of the nearby star-forming galaxy M~82, together with supporting archival NICMOS data. Our primary goal is to study the association of the star-clusters with X-ray sources detected in the deep \chandra~ observations of M~82. This will allow us to address the nature of the X-ray sources, and their connection with star-formation and star-cluster properties.

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