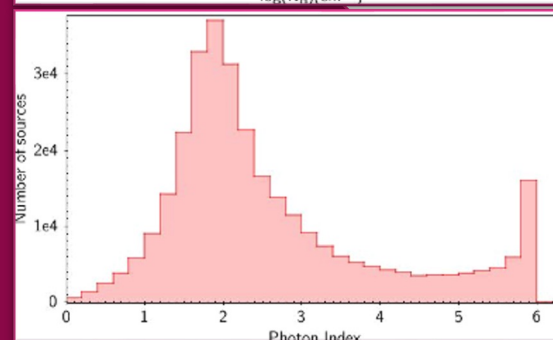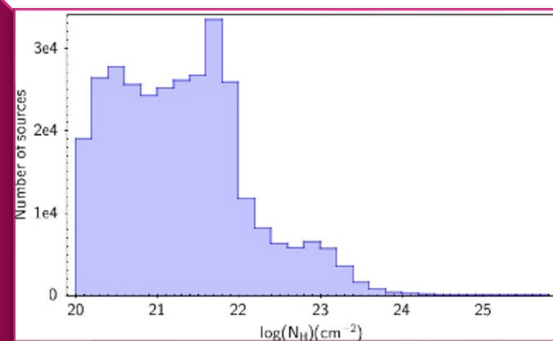XMM2ATHENA

Amalia Corral

Organization: Instituto de Física de Cantabria (IFCA)

Position: Assistant Professor

I am an Assistant Professor and an X-ray and multi-wavelength astronomer at the University of Cantabria (Spain). My research has been focused on the study of large samples of Active Galaxies (AGN), mainly on X-rays, but also in other wavelengths. A big part of this work has been devoted to provide the astronomical community with automated tools and high-quality level products that could be used directly to obtain scientific results. My own research has been centered on the study of the average properties of different types of AGN, the reliability of the current AGN unified models, and especially, the study of the most obscured AGN, the so-called Compton-thick AGN.

My work within XMM2ATHENA is mainly focused on Work-packages (WP) 6: Bayesian spectral fits for all the spectra within the XMM-*Newton* serendipitous catalogue; and WP8: derivation of photometric redshifts for X-ray sources by using machine learning techniques. I also provide computing support for the activities related to this project to the researchers at the Galaxies and AGN group at the Institute of Physics of Cantabria (IFCA, CSIC-UC, Spain).