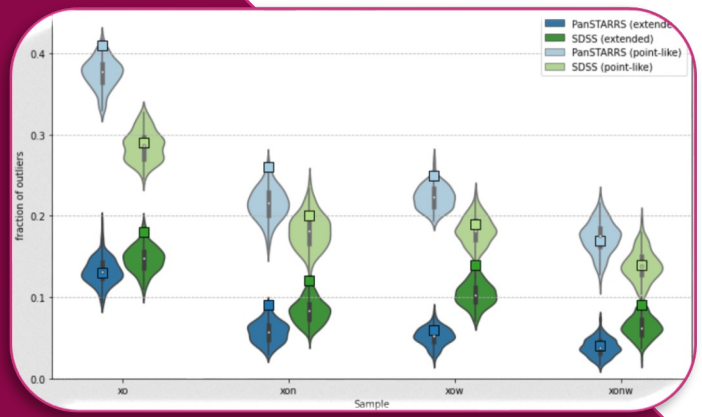
http://xmm-ssc.irap.omp.eu/xmm2athena/ @XMM2Athena
https://www.facebook.com/XMM2Athena XMM2 Athena

# Ángel Ruiz

Organization: Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing at the National Observatory of Athens (NOA)

Position: Post-doc at NOA, WP8 leader




I obtained my PhD in the University of Cantabria (Spain), working in the X-ray Astronomy Group. Since then, I have worked as a postdoc in the Observatory of Brera (Italy), the Inter-University Center for Astronomy and Astrophysics (India) and the Institute of Physics of Cantabria (Spain). Since 2017 I have worked in the National Observatory of Athens (Greece).

My research has been focused in extragalactic astronomy, mainly in the study of Active Galactic Nuclei from the observational point of view. The two major topics I'm interested in are the characterization of AGN demographics and the understanding of the link between supermassive black hole growth and galaxy formation/evolution. Although my principal expertise in observational techniques is X-ray astronomy, I have always been interested in using a multiwavelength approach in my research.

My main role in XMM2Athena is the calculation of photometric redshifts for X-ray sources in the XMM-*Newton* serendipity catalogs (Work-Package 8). We used state-of-the-art multiwalength photometric catalogs, and both Machine Learning and traditional template fitting techniques for estimating accurate distances for these sources. I am also involved in Work-Package 6, developing code for automatic fitting of X-ray spectra using Bayesian methods.

Founded by EU´s Horizon 2020 research and innovation programme GA nº 101004168