Communication in the European project XMM2Athena

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Abstract

The XMM2Athena project is funded by the EU and brings together members of the XMM-Newton ground science and Athena communities, as well as research staff from the X-ray science community. Its main goal is to develop and test new methods and software to observe the X-ray Universe in near real-time, in order to identify multi-wavelength measurements of sources detected by the XMM-Newton satellite and to determine their nature. This is done by using advanced machine learning methods and by studying the faintest, hitherto undetected sources using innovative detection algorithms. These methods will be integrated into the Athena software, which is currently under development, and these newly detected and identified sources will improve our preparation for X-ray observations of the Universe with Athena.

My poster in zenodo.org can be found here