

## **Coronal parameters in Seyfert galaxies: the NuSTAR view and the future IXPE perspectives**

*Wednesday, 10 October 2018 09:45 (15 minutes)*

I will show the results of the hot corona parameters of active galactic nuclei (AGN) that have been recently measured with *NuSTAR* in collaboration with other X-rays observatories. In the work I will present, we analyzed values taken from the literature of a sample of 19 bright local Seyfert galaxies to look for correlations between coronal parameters, such as the photon index and cut-off energy or the optical depth and temperature, and other parameters of the systems, such as the black hole mass or the Eddington ratio. Moreover I will give some highlights on how the future IXPE mission (Imaging X-ray Polarimetry Explorer) could contribute to understand the AGN coronae geometry.

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