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Imaging X-ray Polarimetry Explorer (IXPE) observations of Radio-Loud AGN

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Imaging X-ray Polarimetry Explorer (IXPE), the first dedicated astrophysics mission for X-ray polarimetry, has now completed its 2-year prime mission phase, increasing the number of X-ray polarization detections from one to a few dozen, with significant consequences for our understanding of high-energy astrophysical objects. Radio-loud AGN are one of the prime source classes for IXPE, and I will review the insights we have gained so far from IXPE, often in concert with complimentary observations with e.g. Swift, NuSTAR, XMM, and optical and radio telescopes. The opening of the first General Observer period in early 2024 promises to expand on these discoveries to new source classes and science questions for jetted AGN.

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