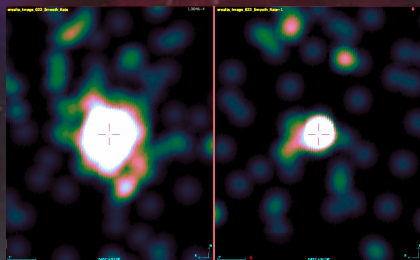


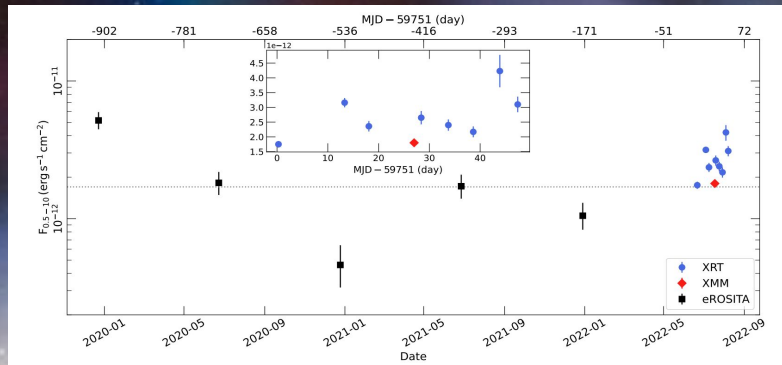
J1144: The most luminous quasar in the last 9 Gyr

Elias Kammoun, Zsofi Igo et al. 2023

#196



eROSITA observations of J1144 in its brightest and faintest state

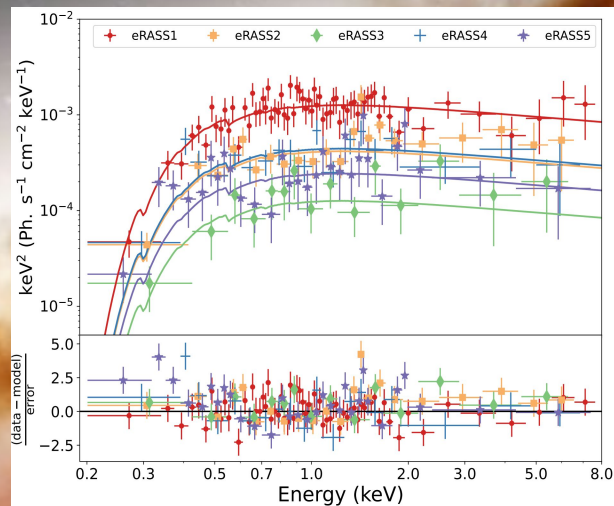


$z = 0.83$

$M_{\text{BH}} \sim 10^{10} M_{\odot}$

$L_{\text{Bol}} > 10^{47} \text{ erg s}^{-1}$

Highly Variable as seen by eROSITA, XMM-Newton, NuSTAR, Swift long-term light-curve



- Very bright QSO but an otherwise 'normal' AGN!

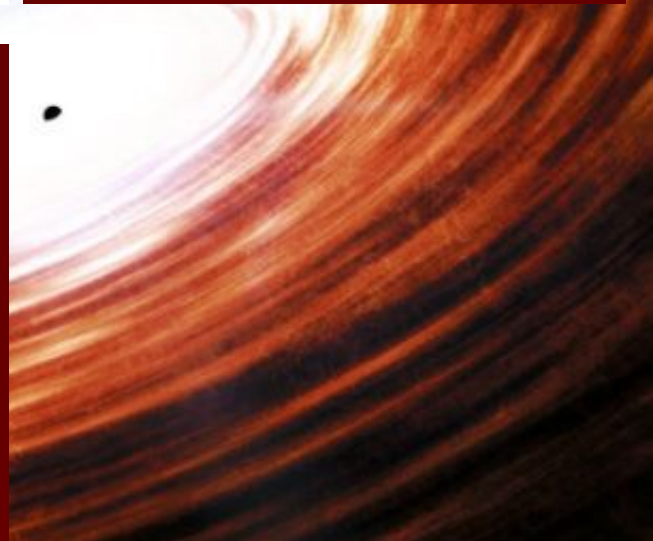
- $\Gamma \sim 2.2$, but variable N_{H} over observation

- SED modelling: sub-eddington accretion, standard thin disk

- Low temperature corona

- Hints of radiatively driven outflows

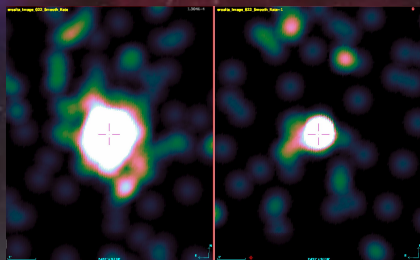
- New observing campaign starting!



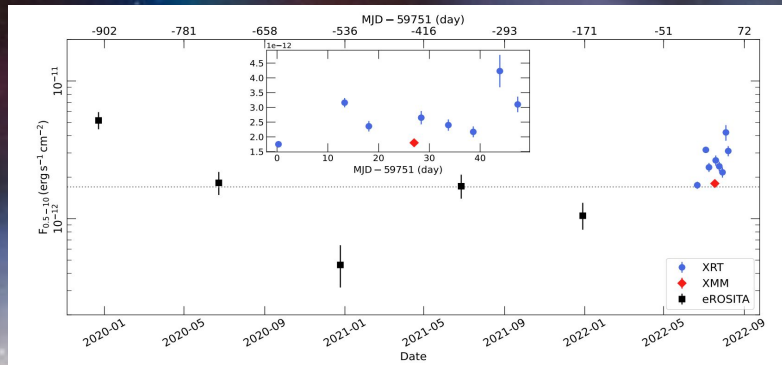
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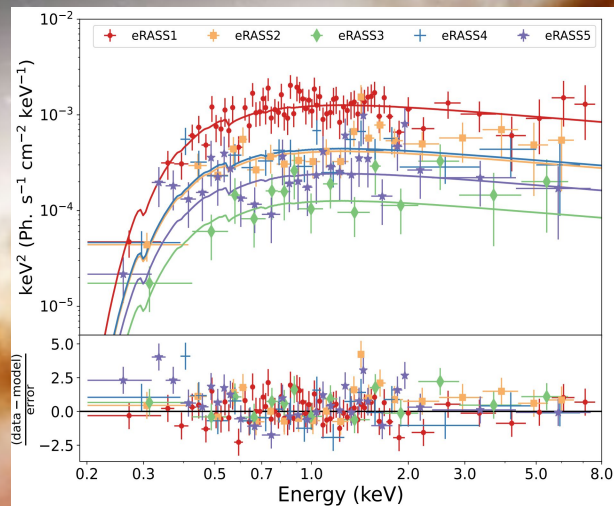


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Are you interested in the fraction of galaxies hosting radio AGN and understanding what factors impact jet powering? Poster #194

