

Short talk

THE TWO COMPONENT MODEL OF THE BLR OPTICAL EMISSION IN THE NGC 5548

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It is widely accepted that the enormous emission of the active galactic nuclei (AGN) originates in accretion processes around their central supermassive black holes. The NGC 5548 monitoring supports the idea that the BLR is made of two sub-region: one emitting the broader line base (VBLR) that we show to be associated with the accretion disk in NGC 5548; and a second one, emitting the line core (called ILR or BLR by different authors) whose structure remains still unclear at present but that may be associated with a more isotropic distribution of dense gas clouds. We present preliminary results on the accretion disk and ILR/BLR parameters in various activity phases..