

# AGN in Brightest Cluster Galaxies

*Thursday 11 October 2018 09:30 (15 minutes)*

We present a systematic investigation of the nuclear activity in Brightest Cluster Galaxies through cosmic epochs. By combining X-ray, Radio, optical and IR data, we constrain the origin of the feeding gas and the accretion regime, as well as the feedback processes affecting the surrounding Intra Cluster Medium and star formation events in the BCGs. Our final goal is to constrain the cycle of hot and cold baryons in the core of groups and clusters of galaxies.

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