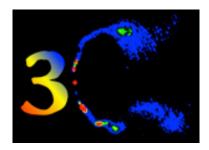
The 3C Extragalactic Radio Sky: Legacy of the Third Cambridge Catalogue



Contribution ID: 12 Type: not specified

## The Slow Heartbeat of Supermassive Black Hole Fuelling

Tuesday, 17 September 2019 10:10 (20 minutes)

I will review the observed variability of the low accretion rate AGN in Brightest Cluster Galaxies (BCGs). Radio/sub-mm monitoring of a sample of several dozen systems over the past decade shows most systems have varied by >30% and many by factors of >2. The implications of this variability, particularly in the sub-mm, will be discussed.

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**Session Classification:** Radio-loud active galaxies and their environments: feedback mechanisms - intracluster medium - mergers, shocks and cavities - role of BCGs - non-thermal processes