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The Slow Heartbeat of Supermassive Black Hole Fuelling

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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