# Active Brightest Cluster Galaxies

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This project is to investigate the duty cycle of supermassive black hole + star formation activity in brightest cluster galaxies (BCGs), and how it is related to local and cluster-wise properties. The student involved in this project will look into radio to X-ray data of selected clusters from available archival data and carry out statistical analyses of the data. Finally, the results of the data will be applied to modelling faint BCGs for future ALMA observations.