

宇宙物理・気象学科 セミナー（第3回）

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日時：2016年6月1日(水) 13:30 ~ 14:30

場所：京都産業大学 万有館2階 B211 セミナー室

演題："Active Galactic Nuclei: Overview and current understanding of the dusty torus"

講演要旨

Most, if not all, galaxies contain a super massive black hole in their centers. Those galaxy nuclei whose radiation cannot be explained by only accounting for starlight radiation are known as Active Galactic Nuclei (AGN). AGN are thought to be powered by accretion onto a super massive black hole, where the observational differences are explained through an orientation-based model. The unified model posits that the various AGN classes are largely similar objects but viewed along different light-of-sight through an optically and geometrically thick, dusty structure, so called 'torus'. This talk presents an overview of AGN and recent studies on the understanding of the dusty structure using infrared observations on the 10.4-meter Gran Telescopio de CANARIAS, Spain and 6.5-meter MMT at Arizona, Spain.

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