



PHYSICS AND ASTRONOMY COLLOQUIUM

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“Black Holes: Sculptors of Galaxies and Clusters”

Abstract

The last two decades have shown us that supermassive black holes can have a profound impact on galaxies and galaxy clusters. During this talk, I will review the current status of this field, known as AGN feedback, while focusing on the most massive black holes in the Universe, those that lie at the centers of galaxy clusters. I will then review the physics behind these interactions and then focus on the evolution of radio feedback over cosmic time while presenting new results from clusters discovered via the South Pole Telescope.

Wednesday, February 24, 2016

3:00 p.m.

Bob Wright Centre

Room A104