

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



STARGAZING & LECTURE SERIES

The Glorious Past of our Monster Black Hole

Shuo Zhang

Friday, October 2nd, 8:00PM

Pupin Hall, Columbia University

The supermassive black hole in the center of our galaxy, known as Sagittarius A*, is one of the least luminous known supermassive black holes of the Universe. While recent observations show that it flares up moderately from time to time, it is a mystery whether the monster black hole was more active in the past. Although we cannot directly see its past activities, a glorious past of our galaxy's black hole has been revealed by gas clouds in the central region of the Galaxy.

These are free lectures at a public level followed by guided stargazing with telescopes (weather permitting). All events are held at Pupin Hall at Columbia University. No reservations are needed. Lectures are 30 minutes, stargazing lasts 90 minutes. Stay only as long as you want.

For directions, weather updates and more information, please visit:

<http://outreach.astro.columbia.edu>