

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



STARGAZING & LECTURE SERIES

Black Holes Don't Suck

Dr. Chiara Mingarelli

Friday, February 1st, 7:00PM

Pupin Hall, Columbia University

Have you ever wondered where black holes come from? Why they are black? Are they really holes? Here we answer these questions, and also explore more fascinating and state-of-the-art questions about black holes, new black hole detections the news, and a new field of astronomy where we study ripples in the fabric of spacetime called "gravitational waves".

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>