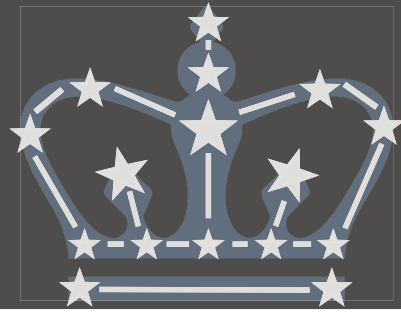




COLUMBIA ASTRONOMY PUBLIC OUTREACH PRESENTS:

# PUBLIC LECTURE SERIES & STAR-GAZING



## A Matter of Life and Death:



*In the next few years, large-scale gravitational wave detectors operating around the world will record the swan-songs emitted by black holes as they spiral into each other. How are we making these recordings? What songs are we expecting to hear? Join us to discover these answers and more as we unlock the secrets of gravitational waves and what they can tell us about black holes.*

A Lecture by Szabolcs Marka

Friday, November 20 - 7pm

Pupin Hall, Columbia University

These are Free Lectures at a Public Level Followed by Guided Star-Gazing with Telescopes

All Events are At Pupin Hall on the Columbia University Campus. No Reservations are Needed.

Lectures are Wheelchair Accessible, Star-Gazing on the Roof is Not. Lectures are 30min, Star-Gazing lasts for two hours.

For Directions and Other Information please Visit Our Website:

[HTTP://OUTREACH.ASTRO.COLUMBIA.EDU](http://outreach.astro.columbia.edu)