

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



STARGAZING & LECTURE SERIES

Cosmic Candles

by Ashley Pagnotta

Friday, March 15th, 7:00PM

Pupin Hall, Columbia University

Humans have long been interested in the history and fate of our Universe. In this talk, I will explain how astronomers used a particular type of supernova explosion to discover not only that the Universe is expanding, but that its expansion is accelerating. Everything is flying apart faster and faster as time goes on. I will also discuss aspects of these supernova explosions that still baffle us and the work currently being done to understand them.

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>