

INTERNATIONAL YEAR OF
ASTRONOMY 2009

THE UNIVERSE: YOURS TO DISCOVER



COLUMBIA ASTRONOMY PUBLIC OUTREACH PRESENTS:

PUBLIC LECTURE SERIES & STAR-GAZING

WILL THE WORLD END IN

2012

A LECTURE BY CAMERON HUMMELS

FRIDAY DECEMBER 4 - 7PM

PUPIN HALL - COLUMBIA UNIVERSITY

Misinformed conspiracy theorists, blockbuster films and general fear-mongering suggest that December 21, 2012 will mark the end of the world. Proponents of this idea cite diverse and often unsubstantiated astronomical reasons for an imminent apocalypse: the end of the Mayan long-count calendar; an alignment between the Solar System and the Milky Way; a devastating solar flare and the consequent neutrino flux; the reversal of the Earth's magnetic field; and a devastating collision with 'Planet X'. I will discuss the real science behind all of these claims and separate the fact from fiction. Spoiler alert: we'll all still be here on December 22nd, 2012.

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)