

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



STARGAZING & LECTURE SERIES

My Life as a Higgs Boson

A lecture by Gladys Velez-Caicedo
Friday, February 15th, 7:00PM
Pupin Hall, Columbia University

The latter half of the twentieth century radically altered our perception of classical physics and the world around us. After decades of research, the confirmation of the existence of the Higgs boson at CERN last summer was the final fundamental piece needed to complete the Standard Model of physics. But what exactly does that even mean? What is the Higgs boson? Why do we need it? What comes next? This lecture will discuss these most troubling questions in an attempt to demystify the elusive Higgs boson.

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>