

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



# PUBLIC LECTURE & STARGAZING

## Ice Cube: Extreme Cold and Extreme Astronomy at the South Pole

A lecture by David Fierroz  
Friday, March 11th, 7:00PM  
Pupin Hall, Columbia University



In just a few months construction on the world's largest telescope will be completed at the South Pole ... a mile underneath the ice! IceCube is a new type of telescope that detects neutrinos instead of light and promises to give astronomers a new perspective on many mysteries of the universe. I will discuss the nature of neutrinos, how it is possible to detect them and what it's like to do astronomy in the coldest place on Earth.

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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.

For directions, weather updates and more information, please visit:

<http://outreach.astro.columbia.edu>