

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



STARGAZING & LECTURE SERIES

Cosmic Stretchmarks

Renée Hložek

Friday, January 30th, 7:00PM

Pupin Hall, Columbia University

The universe is swimming in cold light that comes from the birth of the universe. We'll take a journey to when the universe was a hot, dense place and how tiny ripples in the temperature and polarization of this light tell us about the first few moments of the cosmos.

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>