

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



# STARGAZING & LECTURE SERIES

## **Fossils of Formation: Stars in the Milky Way's Halo**

by Allyson Sheffield

Friday, September 13th, 8:00PM

Pupin Hall, Columbia University

All-sky surveys of the Milky Way have revolutionized our understanding of how the Galaxy formed. Stars in the halo are ideal probes of Galactic evolution and can be selected from these all-sky catalogs to study the structure of the Galaxy on the largest scales. We are finding more and more complexity in the outer realms of the Milky Way...and in turn more clues about the Milky Way's past.

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>