

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



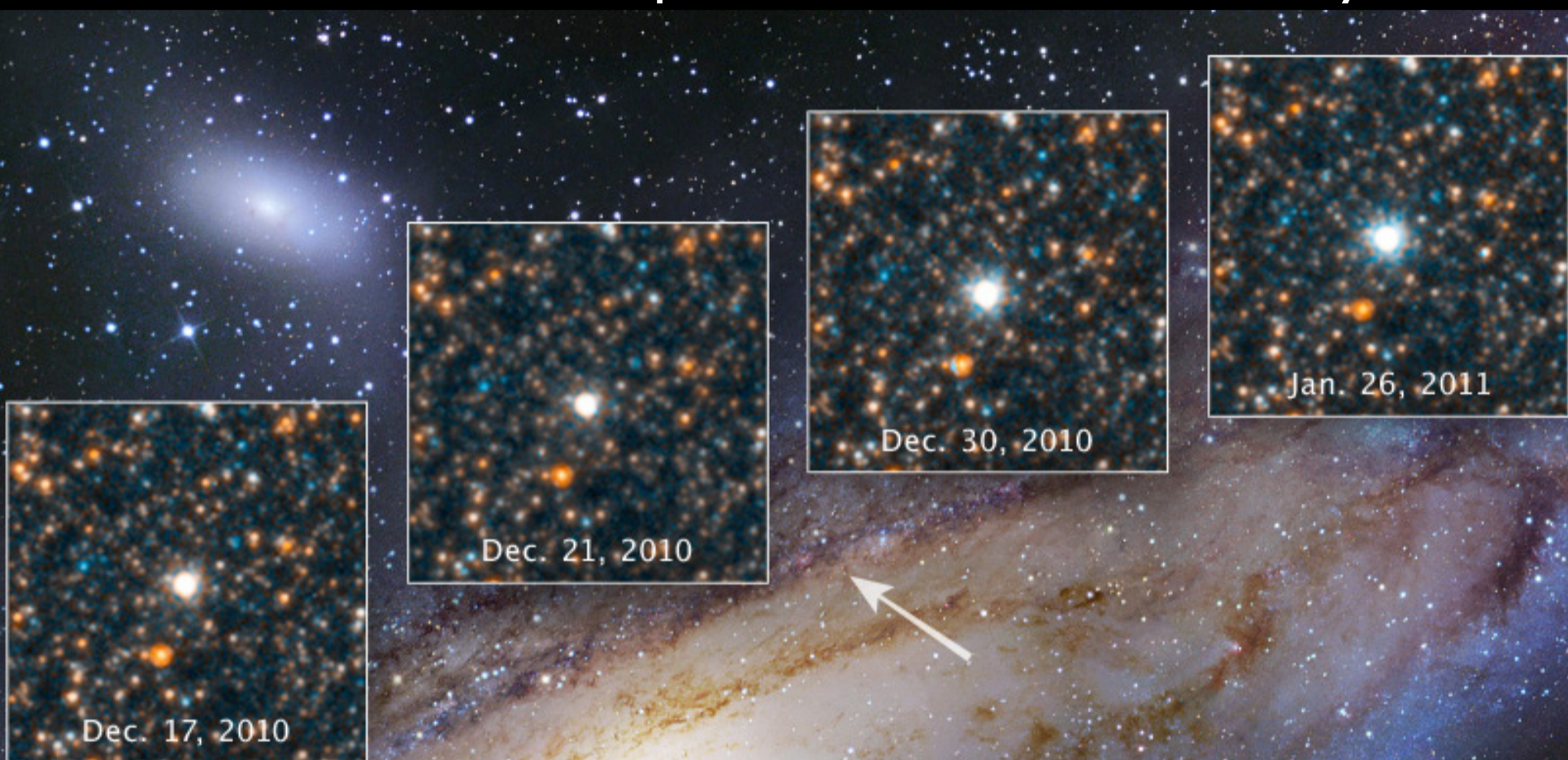
STARGAZING & LECTURE SERIES



Observing Variable Stars

Stella Kafka

Friday, October 16th, 8:00PM
Pupin Hall, Columbia University



Stars that change in brightness (aka variable stars) have always been the most intriguing (and fun) targets for observers, professional and amateur alike. Stellar variability is used for in a variety of areas such as discovering exoplanets, exploring stellar evolution, and determining distances to nearby galaxies. Stella Kafka, the Director of the American Association of Variable Star Observers (AAVSO) will introduce some of the most common aspects of stellar variability and their significance in astrophysics. She will also discuss how you can participate in cutting-edge science observational astronomy projects and be part of the discovery process.

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>