

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



# STARGAZING & LECTURE SERIES

## Fall 2015

*Hubble IMAX*  
Film Screening  
September 18, 8:00 PM

*Our Monster Black Hole*  
Shuo Zhang  
October 2, 8:00 PM

*Observing Variable Stars*  
Stella Kafka  
October 16, 8:00 PM

*Re-tuning the Hubble Diagram*  
David Hendel  
October 30, 7:00pm

*The Dark Matter of Ghost Galaxies*  
Jana Grcevich  
November 13, 7:00 PM

*On the Care and Feeding of Black Holes*  
Aleksy Generozov  
December 4, 7:00 PM

*Our Magnetic Universe*  
Susan Clark  
December 18, 7:00 PM

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>