



# STARGAZING & PUBLIC LECTURE SERIES

“Merging Black Holes  
and Ripples in Space”  
Sean McWilliams  
Jan 14, 7 PM

“Cosmic Fireworks:  
Explosive Deaths of Massive Stars”  
Maryam Modjaz  
Jan 28, 7 PM

“Galactic Sleuthing:  
Unraveling the Milky Way’s Past”  
Allyson Sheffield  
Feb 11, 7 PM

“Viewing the Universe  
in Gamma Rays”  
Rene Ong  
Feb 25, 7 PM

“Ice Cube:  
Astronomy at the South Pole”  
David Fierroz  
Mar 11, 7 PM

“Ancient East Asian Astronomy”  
Joo Heon Yoon  
Mar 25, 8 PM

“When Bad Things Happen  
to Good Galaxies”  
Hugh Crowl  
Apr 8, 8 PM

“Our Eclipsing Universe”  
Laura Vican  
Apr 22, 8 PM

“Through the Looking Glass: The Evolution of the Telescope”  
Alexander Smith  
May 6, 8 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. For directions, weather updates and more information, please visit:

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