

# Cincinnati Observatory

Dr. Wes Ryle – Example Presentation Topics

## Solar System

Mercury Races Across the Sun  
Venus: Earth's Hot Sister  
Mars Returns!  
Pique Your Curiosity: The Latest Martian  
Rover  
Evaluating Martian Real Estate  
Mars: Past, Present, and Future  
Jupiter and the Galilean Moons  
Spot On, Jupiter  
Juno and Jupiter: Together Again  
Jupiter vs Saturn: Battle of the Gas  
Giants  
Saturn Hides Its Rings  
The Return of the King - Jupiter is Back!  
Saturn: King of the Rings  
Saturn, Titan, & Cassini: Exploring the  
Ringed Planet  
Farewell to Cassini and Saturn  
Solar System Moon Tour  
The Rise and Fall of Pluto  
Pluto Like You've Never Seen It Before  
The Search for Planet Nine  
Comets: Icy Messengers from the Past  
Our Sun: Friend & Foe

## Stars, Galaxies, & Nebulae

Star Formation and the Orion Nebula  
A Night with the Stars  
Going Out with a Bang: The Death of  
Stars  
Star Clusters: Brothers & Sisters in the  
Sky  
The Life and Death of Stars  
A Dwarf Star with Seven Planets  
Binary Stars: A Stellar Dance  
Galaxies Galore!  
Quasars, Blazars, and Supermassive  
Black Holes

## In the Sky

Eclipses: The Heavenly Vanishing Act  
Preparing for the Great American  
Eclipse  
A Pair of Solar Eclipses on the Horizon  
Preparing for a Total Lunar Eclipse  
Date Night at the Observatory  
Planetary Conjunction - What's your  
function?  
On the Hunt with Orion  
Top 10 Brightest Things in the Sky  
September Skies  
Navigating the Night Sky

## **Spacecraft and Space Travel**

The Kepler Telescope: Searching for  
Another Earth  
The Real Apollo Missions  
So Far From Home: The Pioneer and  
Voyager Probes  
Humans in Space: Past, Present &  
Future  
Martians, Aliens, and the Search for ET  
The Big Bang Theory: More Than Just a  
TV Show  
Eyes in the Sky: A History of Space  
Telescopes  
Rosetta: Taking a Ride on a Comet  
A New Dawn for Asteroids  
Who Will Be the First Martian?  
JWST: A Deeper View into Our Universe  
JWST & the Future of Astronomy  
JWST: At Work At Last!  
Hubble Space Telescope  
Returning to the Moon  
This Year in Spaceflight  
Satellites: Necessity & Nuisance

## **Pop Culture**

Science Fiction Versus Science Fact  
The End is Nigh: Preparing for  
Doomsday  
The Real End of the World  
So You Want To Be An Astronomer  
Going the Distance: Interstellar Travel  
The Chicxulub Impact: A Day That  
Changed the World  
Why Do Leap Years Exist?  
Mars in Movies  
Don't Call Me An Astrologer  
Fusion Power: Energy Savior or Hopeless  
Dream  
A Positive Look at Climate Change

## **Miscellaneous**

The Mystery of Dark Matter  
The Hidden World of Radio Astronomy  
Gravitational Waves: A New View of the  
Universe  
Gravitational Waves: A New Era in  
Astronomy  
Knowledge at the Speed of Light  
America's Great Observatories  
Extraordinary Exoplanets  
Meteors: The Threat from Above