ETSU DEPARTMENT OF PHYSICS & ASTRONOMY

FREE PLANETARIUM SHOWS

The ETSU planetarium is located on the top floor of Hutcheson Hall (198 S. Dossett Dr) in room 207. Enter Hutcheson Hall at the East end of the building where the elevator is located. Visitors may park without permits during the evening hours in either student or faculty parking lots on campus. Planetarium Seating is Limited to 50 persons on a first-come, first-served basis. For more information contact:

Dr. Gary Henson at hensong@etsu.edu or at (423)439-6906

August 20, 2015  “Exoplanets: Worlds of Wonder”
                  (A new full dome video program {see below} with two showings, at 7:00 and 8:00 for this night)

September 17, 2015  “FireFall”
                    (A new full dome video program {see below} with two showings, at 7:00 and 8:00 for this night)

October 15, 2015  “Storytelling in the Stars"
                   (The Mythology behind the Constellations)

November 19, 2015  "Forensic Astronomy: CSI in the Sky"
                    (Astronomical observations connected to Legal Investigation)

December 10, 2015  “Winter Nights”
                    (Seasonal stories about the Winter Sky)

January 21, 2016  “Black Holes and the Center of the Milky Way”
                    (What strange object lies at the center of our Galaxy?)

February 18, 2016  “FireFall”
                    (Full Dome video program with two showings, at 7:00 and 8:00 for this night)

March 17, 2016  “The Origin of Time”
                   (What causes the seasons and how do we tell time?)

April 21, 2016  “South of the Equator”
                   (A Tour of Constellations of the Southern Hemisphere)

May 5, 2016  “Exoplanets: Worlds of Wonder”
               (Full Dome video program with two showings, at 7:00pm and 8:00pm for this night)

New 35 Minute Full Dome Video Show Descriptions:
“Exoplanets: Worlds of Wonder”  [Suitable for All Ages]
Join mankind’s first space probe as it journeys outside our solar system to the many new worlds astronomers are discovering beyond. Audiences will visit gas giants caught in a deadly dance with their host stars, frozen rogue planets hurling through space, molten rocky worlds now known to science and new planets drifting comfortably within the Goldilocks Zone, the area around a star where Earth-like worlds may exist. Audiences will also learn new insight about our Earth, Moon, Sun and the remarkable Solar System we inhabit.

“FireFall”: The Story of Comets, Meteors, and Asteroids  [Suitable for Ages 9 to Adult]
Throughout Earth’s violent history, impacts from comets and asteroids have mercilessly shaped its surface. The ancient barrage continues today; from harmless meteors – those brilliant streaks in the night sky, to mountain sized boulders wandering perilously close to Earth. Terrifying and majestic, these invaders from space are capable of utter destruction yet they have delivered life-giving water and most of the organic materials necessary for life. Life on Earth owes its very existence to these denizens of the solar system, yet it could all be wiped out in an instant. This ceaseless Firefall is our only tangible connection to the universe beyond and is an ever-present reminder of our own humble beginnings in the hostile environment of space.