Sigma Pi Sigma Induction Ceremony  
April 19, 2010  5PM in Meyer Hall 220

5:00 social gathering, food available
5:30 PM guest presentation - John Troeltzsch, Ball Aerospace
6:30 induction ceremony
7:30 Sigma Pi Sigma business meeting

Kepler is a space-borne telescope and is NASA’s first mission capable of detecting Earth-size planets around other stars in our Galaxy. Kepler is designed to search for Earth-size planets orbiting in the habitable zone of stars like our sun. The habitable zone is the region around a star where the temperature permits water to be liquid on the surface of a planet. Liquid water is considered essential for the existence of life. Kepler was launched on March 9, 2009 and is now actively monitoring over 100,000 stars in the Milky Way in search of another Earth. Mr. Troeltzsch will discuss the mission and Ball’s role in building and launching the spacecraft. He will also discuss Kepler’s current status and the key role the University of Colorado plays in controlling the satellite from the Laboratory for Atmospheric and Space Physics.

John Troeltzsch is the Kepler mission program manager for Ball Aerospace. Mr. Troeltzsch grew up in Boulder and studied at the University of Colorado receiving both bachelor’s and masters degrees in Aerospace Engineering. He has been with Ball Aerospace for 26 years working on the Hubble Space Telescope Program, the Spitzer Space Telescope launched in 2003, and now the Kepler Mission http://kepler.nasa.gov/