

Department of Physics and Astronomy

SEMINAR



Dr. Kimberly Ennico-Smith
NASA

Latest Results from New Horizons

On July 14, 2015, after a 9.5 year trek across the solar system, NASA's New Horizons spacecraft successfully flew by the dwarf planet Pluto and its system of moons, taking imagery, spectra and in-situ particle data. Data obtained by New Horizons will address numerous outstanding questions on the geology and composition of Pluto and Charon, plus measurements of Pluto's atmosphere, and provide revised understanding of the formation and evolution of Pluto and Charon and its smaller moons. This data set is an invaluable glimpse into the outer regions of the Solar System. Dr. Ennico-Smith will discuss NASA's New Horizons mission and its early scientific results, including 3D imagery, as well as the future of exploration to the outer third zone of the solar system. Dr. Ennico-Smith is a research astrophysicist at NASA's Ames Research Center and a Co-Investigator and Deputy Project Scientist on NASA's 10-year New Horizons Fly-By Mission, which resulted in taking imagery, spectra and on-site particle data from Pluto and its system of moons.

Thursday, April 20, 2017
4:30 p.m. in SCI 242

Refreshments will be served at 4:20 p.m.