

**Exploring the Solar System from Wherever You Are.** Y. J. Pendleton<sup>1</sup>, <sup>1</sup>SSERVI, NASA Ames Research Center, Moffett Field, CA, 94035, yvonne.pendleton@nasa.gov

**Introduction:** NASA's Solar System Exploration Research Virtual Institute (SSERVI) represents a close collaboration between science, technology and exploration that will enable deeper understanding of the Moon and other airless bodies as we move further out of low-Earth orbit. The Solar System Exploration Research Virtual Institute (SSERVI) focuses on the scientific aspects of exploration as they pertain to the Moon, Near Earth Asteroids (NEAs) and the moons of Mars. The Institute research areas are centered on interdisciplinary, exploration-related science of airless bodies targeted as potential human destinations. Areas of study represent the broad spectrum of lunar, NEA, and Martian moon sciences encompassing investigations of the surface, interior, exosphere, and near-space environments as well as science uniquely enabled from these bodies.

The SSERVI central office is based at NASA Ames in Silicon Valley—a hot spot for innovative and cost-savings approaches to space exploration and rapid advances in technology development. The administrative staff at the central office forms the organizational hub for the domestic and international teams and enables the virtual collaborative environment. The SSERVI teams are supported jointly from NASA's Science Mission Directorate and Human Exploration and Operations Mission Directorate. Teams are funded for five years. Calls for proposals are issued every 2-3 years to allow overlap between generations of institute teams. Interactions with geographically dispersed teams across the U.S., and global partners, occur easily and frequently in a collaborative virtual environment. This talk will provide a closer look at research being conducted by the current US teams, our 8 international partners and information about future opportunities to participate in SSERVI.