

THE PHOENIX MARS LANDER: NASA'S FIRST SCOUT MISSION TO MARS.

C. Bitter, LPL, University of Arizona, Tucson AZ 85705 (Carla@lpl.arizona.edu).

LPI EPO Mars abstract, 12.30.06

The Phoenix Mars Lander 2007 is the first of NASA's scout missions to Mars. Scout missions are highly innovative and relatively low cost missions that supplement the larger NASA Mars exploration program. This EPO poster/display will highlight the mission's many innovations in the areas of science, engineering, management, and public outreach and education. Continuing the tradition by "Following the Water" through our solar system, the Lander is the first space craft to explore the Martian arctic while delivering the most sophisticated payload of scientific instruments to date to the surface of Mars.