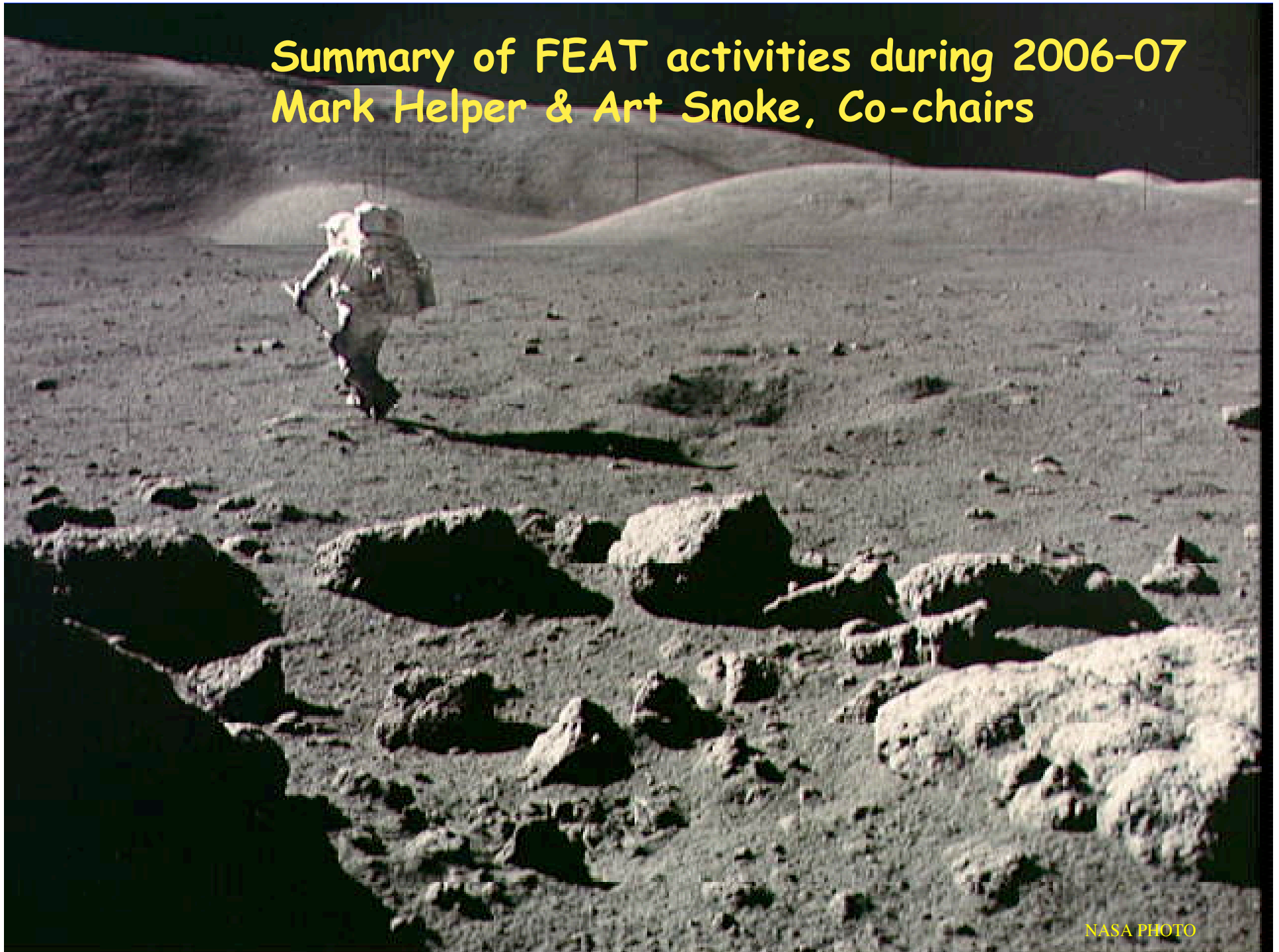


Summary of FEAT activities during 2006-07
Mark Helper & Art Snoke, Co-chairs



NASA PHOTO

What is FEAT?

FEAT = Field Exploration and Analysis Team

Organizing Committee with expertise in:

Field geology training (A. Snoke, M. Helper)

*Apollo Program and ISS astronaut training
(W. Muehlberger, P. Dickerson)*

Lunar field work (H. H. Schmitt)

Membership - 50+ and growing

Geologists/Geophysicists (32)

Planetary scientists (12)

+ Apollo trainers (4), current astronauts (2), others

Why start to develop FEAT now?

- *Developing field expertise is a cumulative process can not be gained from a few field simulations or "show-and-tell" sessions*
- *Forging links now between science, operations, and astronaut communities will allow time to develop collective experiences for productive and efficient interactions*
- *Direct access to details of Apollo geologic training will soon be lost*

Near-term Goals

- *Foster communication between field geoscientists and field technologists*
- *Capture wisdom of Apollo Program veterans*
- *Recruit young field geoscientists*
- *Assist in the development of a field geologic training program*

FEAT's First Steps

- *White Paper - an evolving document that outlines concepts for lunar field work, rationale, equipment, and training needs*
- *Tempe Field Trip: Demonstration of utility and practice of field geology by providing a field experience for those involved in future planning and implementation*
- *Input at NAC Tempe Workshop: Recognition of the importance of geological field training for the "Return to the Moon"*
- *FEAT session at the LEAG Annual Meeting held in Houston, Texas (October 1-5, 2007)*

Findings from Tempe Workshop

- *Field training for crews and supporting staff are critical*
- *Personnel and technology development must be integrated and occur early*
- *Field training must include technological tools that will be used in the field*
- *Field mobility and field access to remotely sensed data are crucial to rapid hypothesis development and testing*
- *Time must be available for documenting, analyzing, and integrating observations and discoveries on a daily basis*

Announcement

FEAT meeting at the GSA Annual Meeting in Denver on Monday, October 29th at 5:45-6:45 PM.