CRISM Data Users Workshop
22 March 2009
The Woodlands, Houston, TX

Co-hosted by
The CRISM team
The PDS Geosciences Node

Welcome to the Workshop!

- The objectives of this workshop are to give you an understanding of:
  - The CRISM data set
  - How to find data of interest
  - How to use it to analyze Martian surface features

- Each of the presentations today is intended for you to keep as reference material. The most important items about the data set, how to navigate it, and how to use it have been summarized for you. They are all online:
  - At the CRISM web site: http://crism/CRISM_workshop_2009/
  - At the PDS: http://pds-geosciences.wustl.edu/workshops

- The Nili Fossae region is a recurring theme throughout the workshop. The last presentation is a walk-through of a take-home data processing and analysis exercise, using Nili Fossae images.
  - All of the data generated at each processing step are also online, to check your results. See http://pds-geosciences.wustl.edu/workshops

Agenda

- An overview of CRISM data
  - Summary of the instrument, investigation, how the data are processed, and what products are available (Scott Murchie)
- Two samples of CRISM data analysis:
  - At the Opportunity landing site, focusing on ground truth and validation of the data and processing (Ray Arvidson)
  - At Nili Fossae, focusing on exploration of a mineralogically diverse site (John Mustard)
- How to find data covering a site of interest:
  - From the CRISM web site (Olivier Barnouin-Jha)
  - From the PDS Geosciences Node (Ray Arvidson)
- How to process data once you have it:
  - Introduction to the CRISM Analysis Tool (CAT) (Frank Morgan) [Download from http://pds-geosciences.wustl.edu/workshops]
  - Walk-through of the take-home Nili Fossae exercise (Frank Seelos) [Download intermediate and derived products from http://pds-geosciences.wustl.edu/workshops]

- There is an online forum for CAT questions / bug reports / suggestions, as well as follow-up from the workshop participants: http://pds-geosciences.wustl.edu/workshops

- Several team members have volunteered to field questions from workshop participants working on their take-home exercise. They will respond to queries logged on the online forum.

- They are available through June, on a best-effort basis.