

**DENVER MUSEUM OF NATURE AND SCIENCE
VENUS WINDS PROJECT
MEETING AGENDA**

Date/Time/Location 8 October 2015, 6:00 PM Admin 1 (Basement)

AGENDA ITEMS CARRIED FORWARD

Wind velocities for analysis of July 4-13, 2004 data Mark

Mark will discuss some numerical experiments that he did to test the cylindrical transform algorithm. We will discuss the sources of errors that we've seen in the transform, and how to check if your images have been properly converted to cylindrical format. Those who have not yet sent their 10 centered images to Mark should do so before the next meeting.

NEW AGENDA ITEMS SINCE LAST MEETING

New Venus Images from Sep25-29, 2015 Mark

Mark was granted five mornings on NASA's Infrared Telescope Facility to observe Venus. This is the same telescope used to acquire past images, but with an upgraded camera and spectrometer. He will show the new data from Sep 25-29, 2015. It will be interesting to compare the quality and cloud features seen in these new images with those that we've already studied.

New Venus Mission Design Selections Kevin

Kevin will discuss NASA's recent selection of two Venus mission concepts for further study. One of these may fly a spacecraft to Venus in the early 2020s.

Update on Physiography of Pluto and new Charon results Art

New images have been published by the New Horizons Mission team of dwarf planet Charon's surface. Art will provide a short update from these reports.