

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

Date/Time/Location 13 Sep 2016, 6:00 PM

Exploration Studio 102

**AGENDA ITEMS CARRIED FORWARD**

**Image Processing Results**–All

We will show new results on image-centering efforts, for those that have some, and then summarize the remaining steps for calculating wind velocities, using our process block diagram.

***Akatsuki Update*** – Mark

Mark will report on the Akatsuki Science Team meeting in Japan last week. He will show some new images, discuss the status of the mission and instruments, and prospects for some exciting upcoming results.

**Google Groups** – Mark, Dave, BG, Michael

At the last meeting we showed how the Venus Google Group can be used to initiate a Google Hangout for attending or hosting the meeting remotely. At this meeting we will discuss how the Google Group page posts can be arranged in categories to separate results, meeting minutes and agendas, and other categories of posts.

**NEW AGENDA ITEMS SINCE LAST MEETING**

**Removing Scattered Sunlight from the Images** – Mark, Art

Venus' night side clouds that are closest to the terminator in our 2.3 micron images are washed out because of sunlight scattered from the bright day side crescent to the night side. This part of the image can be enhanced by mathematically subtracting an image of Venus taken at another wavelength. We will discuss the subtraction of images taken with a Bracket-gamma filter (2.16 microns) from the 2.3 micron images to improve cloud contrast near the terminator.