

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

Date/Time/Location 20 June 2016, 6:00 PM Exploration Studio 102

**AGENDA ITEMS CARRIED FORWARD**

**Image Processing Results**–All

Everyone now has an assignment and thumb drive to copy results to. You can copy your 16 raw images to it's own folder ('Selected Images'). If you have removed the spectrometer slit from the raw images, store these results in the 'Slit Removed' folder. If you've been able to center your images, store them in the 'Centered Images' folder. We will take a look at all new results from volunteers.

**Reading Assignment** – Mark

Mark will go over some of the most important points in *The New Solar System* chapter that relate to our project. Bring questions, as this chapter discussed the basic physics of planetary atmospheres.

**Akatsuki Update** – Mark

Current mission plans are to have new images available to the science team by the end of June. Some fraction of these may be available to us to take a look at. Mark will update everyone on the health and status of the Akatsuki spacecraft mission.

**NEW AGENDA ITEMS SINCE LAST MEETING**

**TELESCOPE NIGHT TONIGHT!**

We will set up telescopes on the lawn outside the atrium starting about 8:00 pm.

**Imaging Geometry and Venus Geographical Coordinates** – Mark

Mark will demonstrate the use of a new tool from JPL called *Cosmographia*. It encodes the properties of all natural and most robotic objects in the solar system, and allows the user to visualize their observations in three dimensions. For a peek at *Cosmographia*, take a look at:

<https://naif.jpl.nasa.gov/naif/cosmographia.html>

And if you are feeling brave, try downloading and running it!