

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

Date/Time/Location 29 Nov 2016, 6:00 PM

Exploration Studio 102

**AGENDA ITEMS CARRIED FORWARD**

**Image Processing Results**–All

New results from volunteers on image centering, image cleanup, and subtracting scattered sunlight will be shared first. Recall that the goal is to get 16 co-registered and cleaned up images for your night. In addition, it would be good to hear about any results (encouraging or otherwise) on subtracting scattered sunlight from the example images that Mark handed out last time.

***Akatsuki* Update** – Mark

Mark will report on the Akatsuki mission plans for data release. New images at several wavelengths will be shown

**Adobe Photoshop Licences** – Mark, Art

Mark and Art will discuss their progress in obtaining free or low cost Photoshop licenses for those that don't have this software.

**Google Groups** – Mark, Dave

Mark will discuss the potential organization for the Google Groups pages, followed by how our workflow and collaborative needs are best served with this tool. He will initiate a Google Hangout session for this meeting.

**NEW AGENDA ITEMS SINCE LAST MEETING**

**Measuring Wind Velocities on Co-Registered Images** – Mark

Mark will describe the process of calculating wind velocities from co-registered Venus images. This involves selecting several points on the Venus images at several different latitudes, and measuring their positions at later times.

**Measuring Wind Velocities on Cylindrically Transformed Images** – Mark

The mathematics of calculating wind velocities from the cylindrically transformed images is considerably simpler than for the direct Venus images, so Mark will describe how this is done.