

DENVER MUSEUM OF NATURE AND SCIENCE
VENUS WINDS PROJECT
MINUTES OF MEETING

Date/Time/Location: 11 February 2016 6:00 PM Admin 1 (Basement)

ATTENDING

Art	Ashley	Christian	Cristy	Dave	Drew	Dylan
Elizabeth	Emilie	John	Kevin	Mark	Marta	Michael D.
Michael L.	Rachel	Terran	Yvonne			

Guests: **Jonathan Nickerson**

The meeting opened at 6:00 PM in Admin 1. Those **attending** are listed above.

OLD BUSINESS

Akatsuki meeting in Japan Mark, Kevin

Mark and Kevin discussed their recent observations and participation with the Akatsuki Venus mission team in Japan. Kevin displayed a cardboard model of the Akatsuki spacecraft and described its component parts. Failure of a major thruster in 2010 resulted in an orbit around the Sun instead of Venus. On October 7, 2015, the Akatsuki team fired the small maneuvering rockets to achieve Venus orbit. Only a few images have been released thus far but these show intriguing atmospheric patterns, both similar and different, from earlier flyby images. Release of additional images is expected by the end of February.

NEW BUSINESS

Visit Science on a Sphere Marta, Mark

Some of our newer volunteers had not viewed display of our data clips on the Science on a Sphere platform in Space Odyssey. Marta displayed time-lapse Venus images over several map bases of previous Project efforts from several years ago. In addition, she displayed spectacular imagery of Pluto's topography from the recent New Horizons mission to the dwarf planet and its satellites.

The following agenda items were postponed until next meeting.

Centering images demos Ashley, Mike Logan, Yvonne

These analysts will discuss their individual centering strategies.

Demo downloading/uploading raw data from data server Mark

Mark will discuss and give a demonstration of the latest version of the data server.

Demonstrations of DS9 usage

DS9 software is robust enough for data processing on all hardware platforms. Several examples of image processing using DS9 will be demonstrated. Mark also investigated MicroObservatory as a free tool to center and stack images.

The next meeting will be on 25 February 2016 at 6 PM. Location to be announced.

Submitted by Arthur C. Tarr, Venus Winds Project Coordinator