

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

Date/Time/Location: 12 April 2016 6:00 PM Studio 102

ATTENDING

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

Guests: None

The meeting opened at 6:00 PM in Studio 102. Those **attending** are listed above. We welcomed **Connor Logan** as a new Venus Winds analyst.

OLD BUSINESS

NEW BUSINESS

Assignment schedule --Mark

Mark discussed the schedule for assignments required to produce a paper suitable for submission to a journal. He presented this information by means of a PowerPoint presentation. (See it on the Project website). A preliminary flow diagram of our tasks to accomplish this goal is shown on the last page.

Each analyst is asked to choose from one date a sequence of images (from the archive) which will be analyzed. Those dates are: **2010 Dec** 13,14,15,17,18; **2011 Jan** 6,7; and **2015 Sep** 25,27,28,29 The images are found at:

http://data.boulder.swri.edu/bullock/Venus_images/

with the **username: mark** and **password: venus** That choice will be registered in a Doodle poll: **<http://doodle.com/poll/snfz6w5ucnbswg6kt5vkgteu/private>**

Movies of the raw images are available in the **Raw Images** folder on the data server.

In addition, there is a reading assignment: *The New Solar System* by Jim Pollack. This may be downloaded from the Venus Winds website.

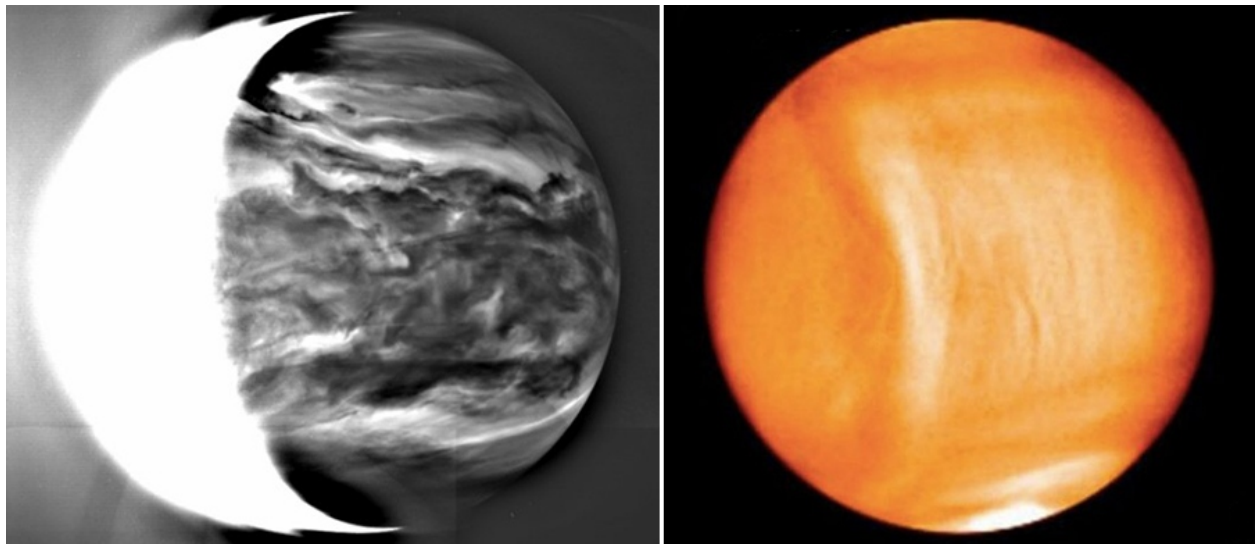
POSTPONED

Show assignment results -- All

Those who have completed the assignment can show their results. Mark will present his results first. Each night will be analyzed by at least two people.

Akatsuki update – Kevin

Immediately after Venus Orbital Insertion (VOI), *Akatsuki* returned ultraviolet (UV), near-infrared (NIR) and mid-infrared images of the dayside of Venus. At the [International Venus Conference 2016](https://venus2016.uk/) (<https://venus2016.uk/>) in Oxford, UK, the *Akatsuki* team for the first time showed NIR images of the nightside of Venus. These images are analogous to the IRTF telescope images that we work with, but have far superior sharpness and contrast because they were taken 35 million miles closer to the planet. Kevin will show and discuss the latest *Akatsuki* images when they have been approved for sharing with the group. This is a low(!) resolution example. Image on left taken at 2.2 micron wavelength. On the right is a 10 micron image that was released last December.



Much more to follow!

The next meeting will be on 26 April 2016 at 6 PM. Studio 102.

Submitted by Arthur C. Tarr, Venus Winds Project Coordinator