

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

MEETING AGENDA

Date/Time/Location 25 Feb 2016, 6:00 PM Exploration Studio 102

AGENDA ITEMS CARRIED FORWARD

Discussions regarding changes in meeting schedule – Mark, Art

At the last meeting, we discussed difficulties with image display in ADM meeting rooms where high-resolution display is not available as it is in the Exploration Studios 102 and 106. Because competition for Exploration Studios is less on Monday, Tuesday and Wednesday evenings, the initial discussion with Museum staff regarding changing the meeting day will happen earlier this Thursday afternoon. Art will represent the Project and report on the negotiation at our meeting.

NEW AGENDA ITEMS SINCE LAST MEETING

New procedures for downloading raw data and uploading intermediate results - Mark

We will start using a new software tool for downloading raw data and for uploading your intermediate results to your own personalized folders. The new open source software provides a secure connection to transfer individual files from the data server to your computer and vice versa. Mark will give a short tutorial on using the SSH Secure File Transfer tool to transfer files. For those of you that are already familiar with using SSH, you can use your own software client, if you would like. For Windows users, the software can be obtained from Mark's Dropbox site:

<https://dl.dropboxusercontent.com/u/52682795/sshwin-3.1.0.exe>

For Mac users: Mac OS X has a built-in **SSH** client called Terminal which can be used to connect to remote servers. By default, *Terminal.app* is located in: *Applications>Utilities* folder. Double-click on the icon to start the client. Google: **SSH for Mac** for more info.

Demonstration of using DS9 and MicroObservatory - Mark

Mark will demonstrate how to open files, remove noise, center images, and stack images using these two open source software packages. They are available for Windows, Mac, and Linux machines.

Centering images demos - Ashley, Michael Logan, Yvonne

These analysts will discuss their own image centering techniques using Photoshop and GIMP.

Akatsuki Updates - Kevin

Kevin will discuss the current status of the Akatsuki mission at Venus and some plans for scientific research with new data and images that will be coming down this spring.