

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

Date/Time/Location 26 March 2015, 6:00 PM Expedition Health 201

**AGENDA ITEMS CARRIED FORWARD**

**Sub-group *Slit Removal*** (Proposer: Dylan)

Dylan and Mark discussed potential algorithms to automate slit removal from the images. Dylan will build upon existing program code.

**Sub-group *Improved Online Tools*** (Proposer: Ricardo)

Ricardo and an associate have been improving the coordinate recording tool that Ricardo demonstrated at an earlier meeting (November 6). The tool is available for testing at <http://venuswindsproject.org/>. Report your experience and any problems to Ricardo. Ricardo also suggested an improved method of rapidly examining a series of images for a specific dataset.

**Sub-group *Automated Co-Registration*** (Proposer: Dave)

Dave has been researching available applications employing auto-correlation algorithms that would be employed in automated co-registration of images. He is planning to continue this research.

**Assignment: Co-Register Images** All Researchers

Your assignment was to center each of your 9 images from Dec 14, 2010 in a 512 x 512 image. Then bring these 9 processed images with you or email to Art before the meeting. We will project individual researcher's results and discuss how the co-registration exercise is going.

**NEW AGENDA ITEMS SINCE LAST MEETING**

**Wind Velocity Measurements:** Mark

We will collectively select 9 points on the July 12, 2004 images. This consensus-derived method should yield points that are easier to follow. The new points will be the basis for a new exercise determining velocities with pre-defined points.

**Accessing Raw Data Files:** Mark

Mark will discuss obtaining access to all Venus data files from the Project Web page.

Please note that we will not be meeting in our usual space, Exploration Science 106. Instead we will be meeting in our secondary meeting place, upstairs (take the first escalator) in Expedition Health 201.