

Japan Geoscience Union Meeting 2011

(May 22-27 2011 at Makuhari, Chiba, Japan)

©2011. Japan Geoscience Union. All Rights Reserved.



U003-22

会場:304

時間:5月27日 15:30-15:45

1600 Earth days around Venus imaging with Venus Monitoring Camera on Venus Express

1600 Earth days around Venus imaging with Venus Monitoring Camera on Venus Express

Wojciech Markiewicz^{1*}, Dimitri Titov⁴, Elena Petrova², Nikolay Ignatiev², Igor Khatuntsev², Sanjay S. Limaye³, Oksana Shalygina¹, Miguel Almeida⁴

Wojciech Markiewicz^{1*}, Dimitri Titov⁴, Elena Petrova², Nikolay Ignatiev², Igor Khatuntsev², Sanjay S. Limaye³, Oksana Shalygina¹, Miguel Almeida⁴

¹Max Planck Institute, Germany, ²Space Research Institute, Moscow, Russia, ³University of Wisconsin, ⁴European Space Agency

¹Max Planck Institute, Germany, ²Space Research Institute, Moscow, Russia, ³University of Wisconsin, ⁴European Space Agency

The Venus Monitoring Camera (VMC) on Venus Express (VEX) spacecraft has been observing the upper cloud layer of Venus since April 2006. To date nearly two hundred thousand images have been acquired. VEX has a highly elliptical orbit allowing for global as well as close up views with resolution down to 200 meter per pixel. In this talk we will show examples of obtained images emphasizing spatial and temporal variability as well as some quantitative results that were derived from them.

キーワード: Venus, Atmospheres, Clouds

Keywords: Venus, Atmospheres, Clouds