

## あかつきによる金星測光観測報告

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## Photometric observation of Venus from Akatsuki

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We had a Venus observation campaign by using 5 wavelength (283nm, 365nm, 0.90 micron-m, 2.02 micron-m, 10 micron-m) of 4 cameras on board Planet-C in March 2011, when Planet-C went through between the Sun and the Venus. The distance from the Venus to the spacecraft was about 13 million km and apparent diameter of Venus was 0.05 deg. Because the situation inside of Venus orbit is unexpected from the original spacecraft design, some spacecraft bus components were very high temperature under Venus observation attitude. Although it was difficult to direct cameras to the Venus for a long time, we could do one observation a day for about two weeks. We report a comparison between periodic change of photometry in 365nm and photometry of other wavelengths.