

## HCl quantification in the ground-based region of the Venus atmosphere

# Noriyuki Ohira[1]; Naomoto Iwagami[2]; Shoko Ohtsuki[3]

[1] Earth and Planetary Sci., Tokyo Univ; [2] Earth and Planetary Science, U Tokyo; [3] Dept. Earth and Planetary Sci., Univ. Tokyo

HCl is measured from the spectrum in the 1.7 $\mu$ m region obtained at Okayama Astrophysical Observatory (OAO) in 1999. Previous observation by Conners(1967) and Pollack(1993) derived only one HCl abundance by using information at the whole disk. The spectrum of all over the disk were measured by the drift scanning on the Venus night side, and there is a possibility that the hemispheric distribution of HCl will be obtained.