Aa-006 Room: C310 Time: June 6 9:00-9:18

Exploration of Venus meteorology from an orbiter

Takeshi Imamura[1], Venus Exploration Working Group Koh-Ichiro Oyama

[1] The Institute of Space and Astronautical Science

A Venus orbiter mission was proposed for one of the future Japanese planetary missions. The mission objectives include: the general circulation of the atmosphere, the mechanism of atmospheric escape to space, and surface processes. The present talk will be focused on the strategy of the meteorological observation. The three-dimensional observation using multi-wavelength cameras must induce a substantial improvement of our knowledge on the planetary meteorology.

A Venus orbiter mission was proposed for one of the future Japanese planetary missions. The mission objectives include: the general circulation of the atmosphere, the mechanism of atmospheric escape to space, and surface processes. The present talk will be focused on the strategy of the meteorological observation. The three-dimensional observation using multi-wavelength cameras must induce a substantial improvement of our knowledge on the planetary meteorology.