**Eb-027** Room: C310 Time: June 26 11:45-12:00

## Nightglow imaging observations during WAVE2000 campaign in Japan

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http://www.crl.go.jp/t/team5/imager/imager.htm

As part of the Waves in airglow structures experiment over Kagoshima in 2000 (WAVE2000), we have carried out imaging observations of the near infrared OH and O2 (0,1) bands and the visible wavelength OI 557.7-nm line emission during the new moon periods of 8-15 January 2000. To determine altitudes of nightglow wave structures, three all-sky imagers were set up at the following three separated site: Kagoshima Space Center (31.25N, 131.08E), Yamagawa (31.20N, 130.62E), and Ohsumi (31.59N, 131.00E). The ranges between the sites are 40-60 km. We will report our initial results of height estimations of nightglow structures. Relation between the horizontal information by the ground-based instruments and the vertical information by the rocket-borne instruments will be also discussed.

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