

**D122-001**

**Room: 302**

**Time: May 18 9:00-9:15**

## Absolute Gravity Measurement at Kamioka, Gifu, Japan

# Toshihiro Higashi[1]; Yoichi Fukuda[2]; Shuzo Takemoto[3]; Toshiki Ohnishi[2]; Eri Yoshida[2]; Satoshi Yoshii[2]; Hideaki Hayakawa[2]; Tadahiro Sato[4]; Masatake Ohashi[5]

[1] Dep. of Geophys., Kyoto Univ.; [2] Geophysics, Kyoto Univ.; [3] Earth and Planetary Sci., Kyoto Univ; [4] NAO; [5] ICRR, Tokyo univ.

In July 2005, absolute gravity measurement has been carried out at Kamioka mine, Gifu, Japan. A 100m laser strainmeter system and a superconducting gravimeter were installed in a deep tunnel 1000m below the ground surface. Determined absolute gravity value and calibration of superconducting gravimeter will be reported.