

## Measurement of surge current associated with lightning activity around Mt. Fuji on August 1, 2014

OHSHIMA, Satoshi<sup>1\*</sup> ; YASUMOTO, Masaru<sup>2</sup> ; KAMOGAWA, Masashi<sup>1</sup>

<sup>1</sup>Dpt. of Phys., Tokyo Gakugei Univ., <sup>2</sup>ANTEC

We investigate the current induced by the cloud-to-ground lightning through the electric power line at the summit of Mt. Fuji. Comparing with the measurement of atmospheric electric field, lightning location data, optical camera and radar data, comprehensive results were obtained.

Keywords: Surge current, Atmospheric electric field, Mt. Fuji, Lightning