

This is what I learned from the development of EXCEED

YOSHIKAWA, Ichiro^{1*}

¹University of Tokyo

I will present my plan for the next 10-year instrumental development based on my heritage on the Sprint-A/EXCEED.

An earth-orbiting Extreme Ultraviolet (EUV) spectroscopy (EXCEED) is the first mission of the Small scientific satellite Platform for Rapid Investigation and Test -A (Sprint-A) conducted by ISAS/JAXA. A single science instrument (EXCEED) is boarded on Sprint-A. EXCEED has started to observe the solar planets in the EUV spectral range, and will extend to the identification of extrasolar planet atmosphere.

Keywords: Sprint-A, EUV, Planetary airglow