

R006-P17

ポスター 1 : 11/4 PM1/PM2 (13:45-18:15)

#篠原 育¹⁾, 三谷 烈史¹⁾, 寺本 万里子²⁾, 浅村 和史¹⁾, 川越 弓恵¹⁾, 大野木 瞭太¹⁾, 高島 健¹⁾
(¹⁾宇宙研/宇宙機構, (²⁾九工大, (³⁾九工大, (⁴⁾宇宙研

The latest status of a high-energy electron analyzer (PINO) onboard a CubeSat (BIRDS-5)

#Iku Shinohara¹⁾, Takefumi Mitani¹⁾, Mariko Teramoto²⁾, Kazushi Asamura¹⁾, Yumie Kawagoe¹⁾, Ryota Onogi¹⁾, Takeshi Takashima¹⁾

(¹⁾ISAS/JAXA, (²⁾Kyutech, (³⁾Kyutech, (⁴⁾ISAS, JAXA,

We have developed a compact high-energy electron analyzer, nicknamed PINO (Particle Instrument for NanO-satellite), supported by the JSPS KAKENHI and the collaboration with the Kyushu Institute of Technology. The development of the PINO Flight Model finished this spring, and it has been installed on a 2-U CubeSat, BIRDS-5J (Taka). All the function tests have been successfully completed, and the BIRDS-5 satellites have been delivered to JAXA. The BIRDS-5 fleet will be released from the international space station (ISS) in autumn 2022. Although the schedule of the operations in the commissioning phase is not fixed yet, in this presentation, we will report the initial status of PINO in space.