

MSD030-07

会場:ファンクショナルルームB

時間: 5月28日10:45-11:00

小型科学衛星1号機SPRINT-A/EXCEED

SPRINT-A/EXCEED Mission

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ISAS/JAXA scientific mission has now three categories as L, M, S classes.

The former regular missions like ASTRO-F/AKARI, Solar-B/HINODE, ASTRO-EII/SUZAKU are attributed to the M (middle) size class in the current system.

The S (small) class mission is rather new category in Japan.

The size of the mission is standard one in previous series as ASTRO-C/GINGA, Solar-A/YOHKOH, EXOS-D/AKEBONO, launched by M3-SII rocket.

The Japanese SMEX mission uses a "universal standard satellite bus module" to reduce an individual mission cost, and which enables us to have higher frequency of mission opportunities. A new solid fuel rocket is developed in JAXA to launch the S class mission.

The talk will focus on the following topics; a current status of mission development and scientific goal of SPRINT-A/EXCEED (the first mission of S-class category).

キーワード: 小型科学衛星, 望遠鏡, 惑星大気, 大気流出, プラズマトーラス, 極端紫外線

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