

PCG033-10

会場:101

時間:5月24日 11:00-11:15

SPRINT-A/EXCEED による惑星散逸大気観測計画 Plan for the observation of escaping planetary atmospheres by Sprint-A/EXCEED

寺田 直樹^{1*}, 土屋 史紀¹, 鍵谷 将人¹, 笠羽 康正¹, 吉岡 和夫², 吉川 一朗³, 村上 豪³, 酒井 恒一³, 本間 達朗³, 山崎 敦⁴, 木村 智樹⁴, 上野 宗孝⁴

Naoki Terada^{1*}, Fuminori Tsuchiya¹, Masato Kagitani¹, Yasumasa Kasaba¹, Kazuo Yoshioka², Ichiro Yoshikawa³, Go Murakami³, Kouichi Sakai³, Tatsuro Homma³, Atsushi Yamazaki⁴, Tomoki Kimura⁴, Munetaka Ueno⁴

¹ 東北大学, ² 立教大学, ³ 東京大学, ⁴ JAXA 宇宙科学研究所

¹Tohoku University, ²Rikkyo University, ³University of Tokyo, ⁴ISAS, JAXA

Sprint-A/EXCEED is an earth-orbiting satellite to be launched in 2013 as the first mission of the small scientific satellite series of JAXA. One of the primary objectives of Sprint-A/EXCEED is to study atmospheric escape from Venus and Mars and its impact on the evolution of the planetary environments. In this presentation, the scientific objectives of Sprint-A/EXCEED concerning the atmospheric escape from Venus and Mars as well as from the Mercury's magnetosphere will be presented.

キーワード: 大気散逸, 金星, 火星, 水星

Keywords: Atmospheric escape, Venus, Mars, Mercury