

SYMPOSIUM ON TECHNOLOGICAL REQUIREMENTS FOR FUTURE SPACE ASTRONOMY AND
SOLAR-SYSTEM SCIENCE MISSIONS (A7)
Technology Needs for Future Missions, Platforms (3)

Author: Mr. Yoshikawa Makoto
Institute of Space and Astronautical Science, Japan, makoto@pub.isas.ac.jp

Dr. Hitoshi Kuninaka
JAXA, Japan, kuninaka.hitoshi@jaxa.jp

Dr. Noriyasu Inaba
JAXA, Japan, inaba.noriyasu@jaxa.jp

Dr. Sei-ichiro Watanabe
Nagoya University, Japan, seicoro@eps.nagoya-u.ac.jp

Dr. Yuichi Tsuda
JAXA, Japan, tsuda.yuichi@jaxa.jp

Dr. Ryudo Tsukizaki
JAXA, Japan, tsukizaki.ryudo@jaxa.jp

STATUS OF THE JAPANESE HAYABUSA-2 ASTEROID EXPLORER MISSION

Abstract

JAXA is considering a mission named "Hayabusa-2". This is a mission to retrieve surface samples of an asteroid to the earth. This is a similar mission to Hayabusa's one, however, the target asteroid is different from Hayabusa's. The asteroid Itokawa explored by Hayabusa is a rock-rich S-type one. Hayabusa-2 will visit a C-type asteroid. The status of the mission will be presented.