

## Hayabusa2

Report Number: R18EU3201

Subject Category: Space and Astronautical Science

URL: <https://www.jss.jaxa.jp/en/ar/e2018/9182/>

● **Responsible Representative**

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● **Abstract**

Sample return mission from asteroid Ryugu.

● **Reasons for using JSS2**

Monte Carlo analysis for Hayabusa2 conjunction phase

● **Achievements of the Year**

Validation of the navigation strategy could be done.

● **Publications**

N/A

● **Usage of JSS2**

● **Computational Information**

Process Parallelization Methods	N/A
Thread Parallelization Methods	Automatic Parallelization
Number of Processes	1
Elapsed Time per Case	180 Minute (s)

● **Resources Used**

Fraction of Usage in Total Resources\*1 (%): 0.00

## Details

Computational Resources		
System Name	Amount of Core Time (core x hours)	Fraction of Usage*2 (%)
SORA-MA	0.00	0.00
SORA-PP	4,563.09	0.04
SORA-LM	0.00	0.00
SORA-TPP	0.00	0.00

File System Resources		
File System Name	Storage Assigned (GiB)	Fraction of Usage*2 (%)
/home	6.36	0.01
/data	63.58	0.00
/tmp	1,302.08	0.11

Archiver Resources		
Archiver Name	Storage Used (TiB)	Fraction of Usage*2 (%)
J-SPACE	0.00	0.00

\*1: Fraction of Usage in Total Resources: Weighted average of three resource types (Computing, File System, and Archiver).

\*2: Fraction of Usage: Percentage of usage relative to each resource used in one year.