

**Analysis of ablator**

Report Number: R24EDG20107

Subject Category: Research and Development

URL: <https://www.jss.jaxa.jp/en/ar/e2024/27150/>**● Responsible Representative**

Toshiyuki Suzuki

**● Contact Information**

Hirokazu Adachi(adachi.hirokazu@jaxa.jp)

**● Members**

Hirokazu Adachi

**● Abstract**

Analysis of ablator

**● Reasons and benefits of using JAXA Supercomputer System**

only use ISV software

**● Achievements of the Year**

CFD analysis by using ANSYS Fluent and Visualization of analysis results.

**● Publications**

N/A

**● Usage of JSS****● Computational Information**

Process Parallelization Methods	N/A
Thread Parallelization Methods	N/A
Number of Processes	1
Elapsed Time per Case	0 Second(s)

- **JSS3 Resources Used**

Fraction of Usage in Total Resources\*1(%): 0.01

Details

Computational Resources		
System Name	CPU Resources Used (core x hours)	Fraction of Usage*2(%)
TOKI-SORA	0.00	0.00
TOKI-ST	0.00	0.00
TOKI-GP	0.00	0.00
TOKI-XM	0.00	0.00
TOKI-LM	0.00	0.00
TOKI-TST	0.00	0.00
TOKI-TGP	0.00	0.00
TOKI-TLM	0.00	0.00

File System Resources		
File System Name	Storage Assigned (GiB)	Fraction of Usage*2 (%)
/home	0.00	0.00
/data and /data2	0.00	0.00
/ssd	0.00	0.00

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

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

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

● **ISV Software Licenses Used**

ISV Software Licenses Resources		
	ISV Software Licenses Used (Hours)	Fraction of Usage <sup>*2</sup> (%)
ISV Software Licenses (Total)	1,434.75	0.98

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