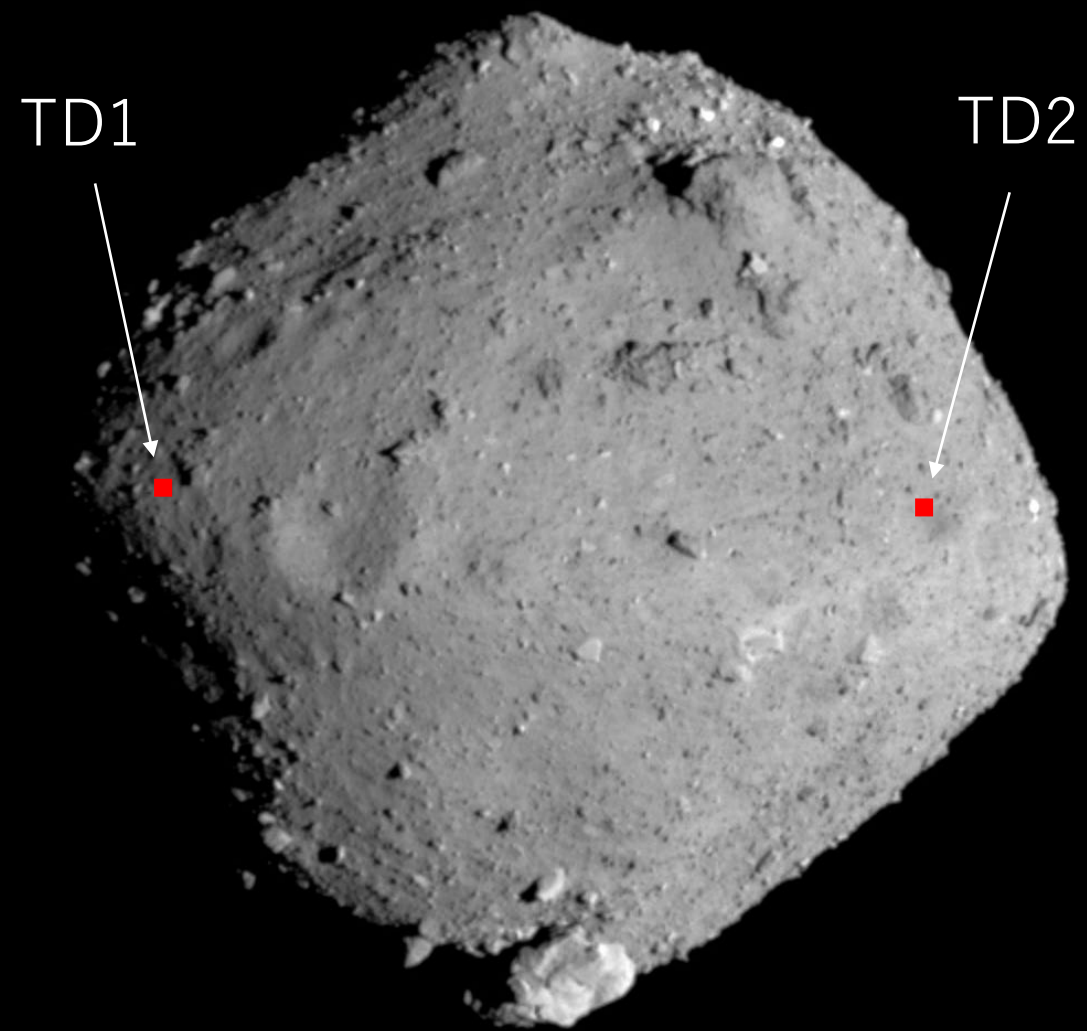


JAXA/ISAS 2024&2025

Masaki Fujimoto
Director General
(starting Apr 1, 2025)
ISAS/JAXA





-3 s



Samples from TD1 versus TD2

Doing it once is enough?

NO!

Likewise, in 2024: Samples from Ryugu versus Bennu

Doing it once is enough?

Definitely NO!

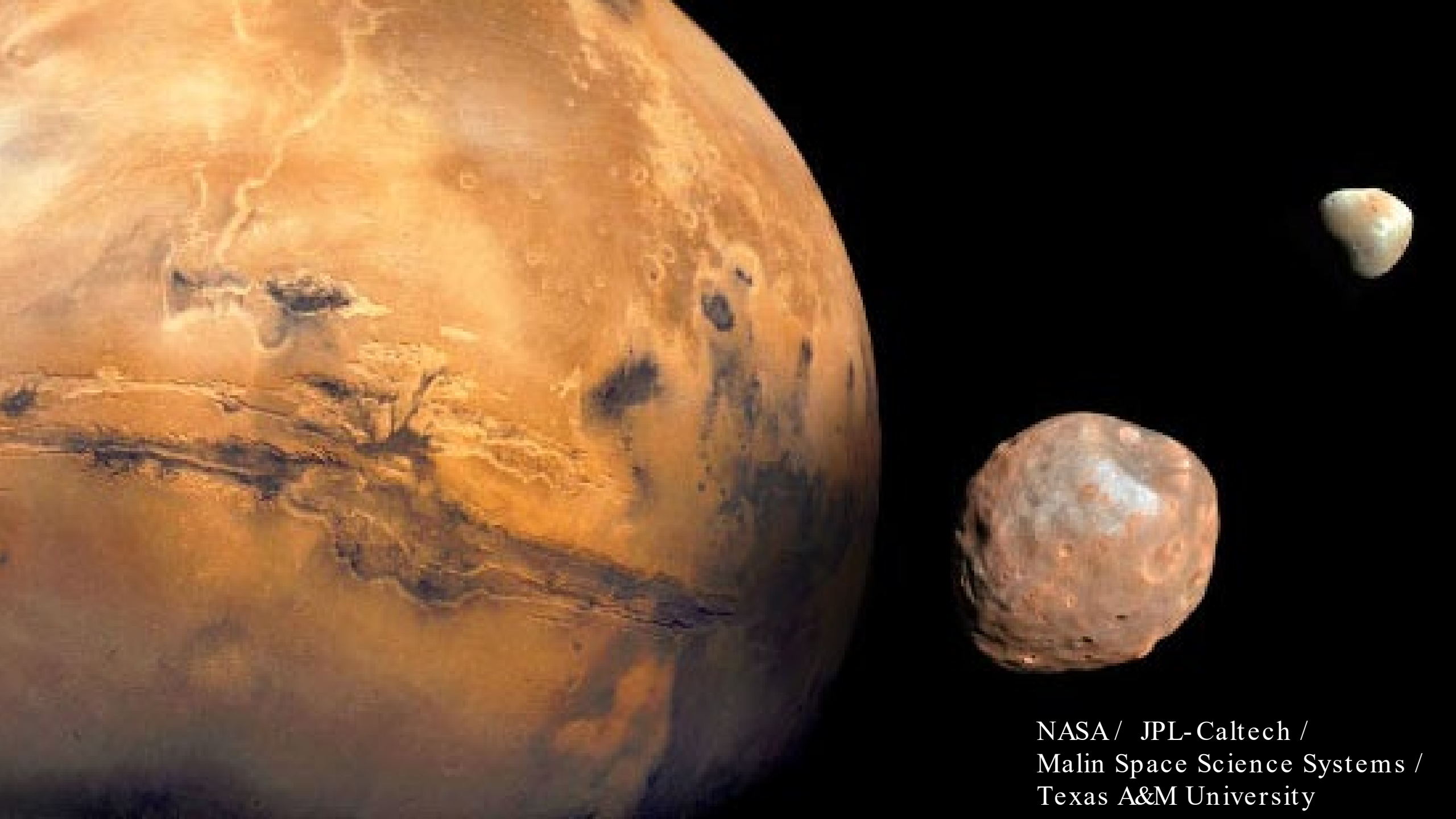
Comparative studies of precious samples that are most eloquent about the early days of the solar system.

Comparative studies of those that are similar but different are promised to be productive.

MMX

Martian Moons eXploration





NASA / JPL-Caltech /
Malin Space Science Systems /
Texas A&M University



MMX+SLIM → Mars landing?!

*How dare ISAS/JAXA thinks of starting
a Mars landing program now?!*

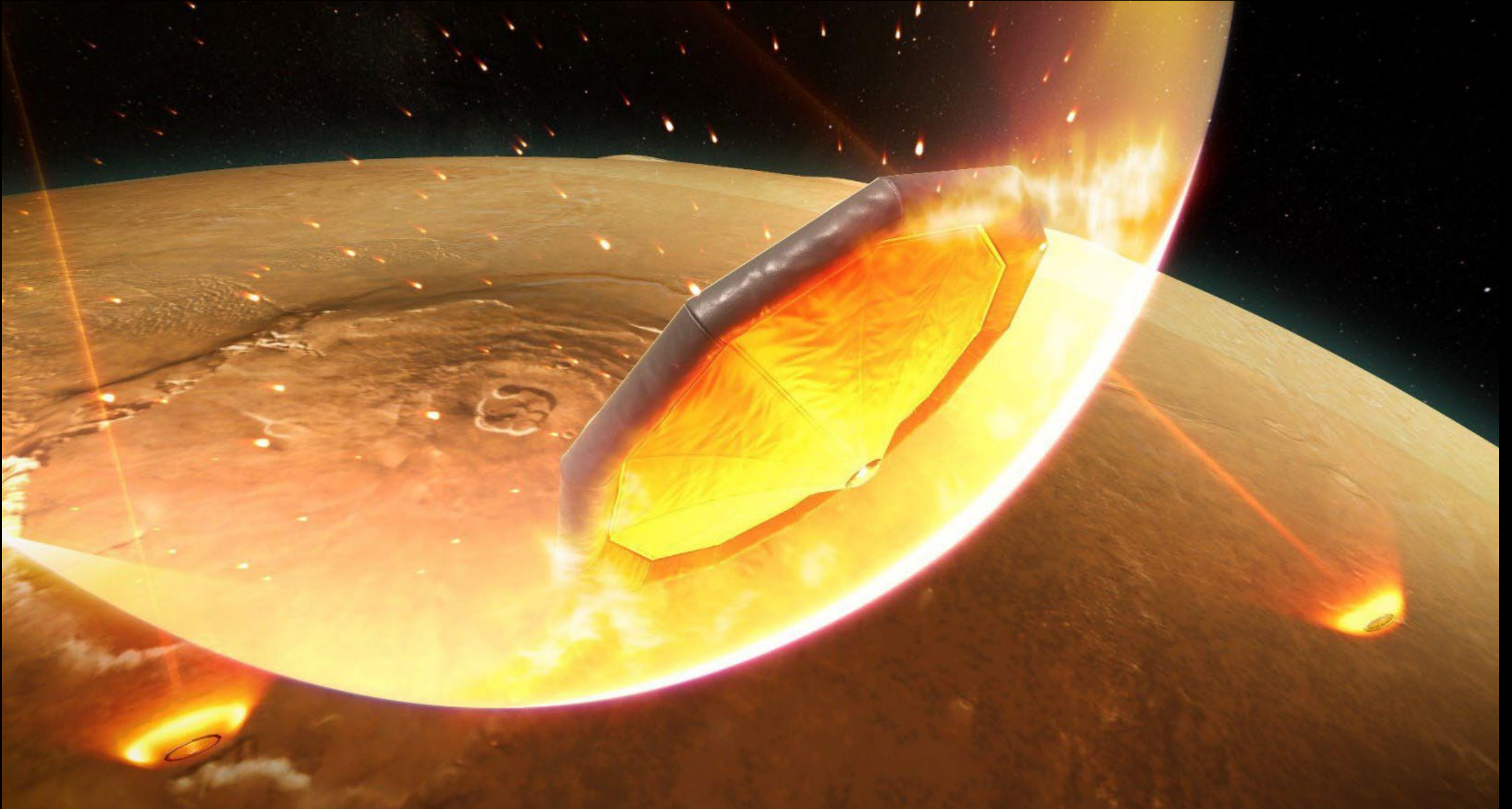
Inflatable soft aeroshell.



Its development by a commercial company supported in Space Strategic Fund Season 1 (2024~)

Enabling a path towards JAXA's way of Mars landing, light-weight and frequent access to the Martian surface (100-200kg-ish rover)

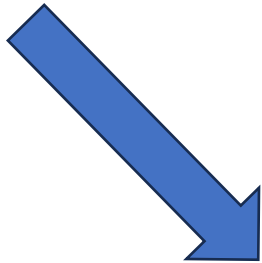
JAXA's way: EDL by the soft shell



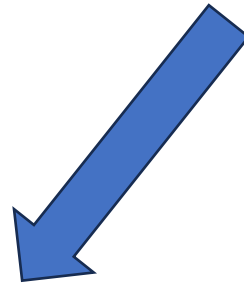
Hayabusa2



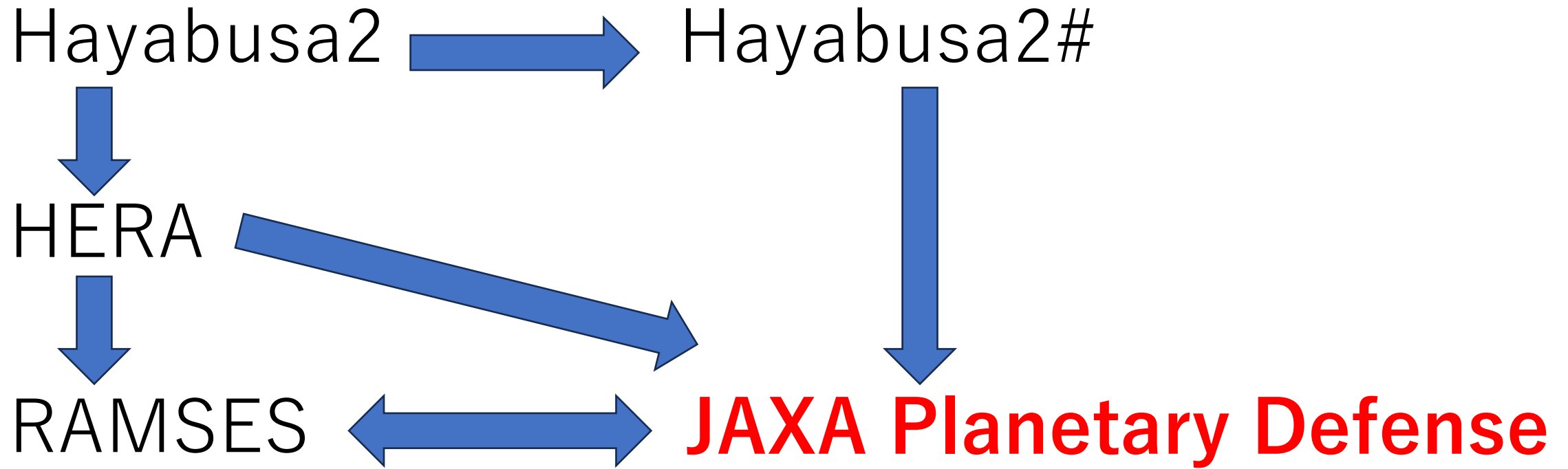
MMX



SLIM



Mars Landing



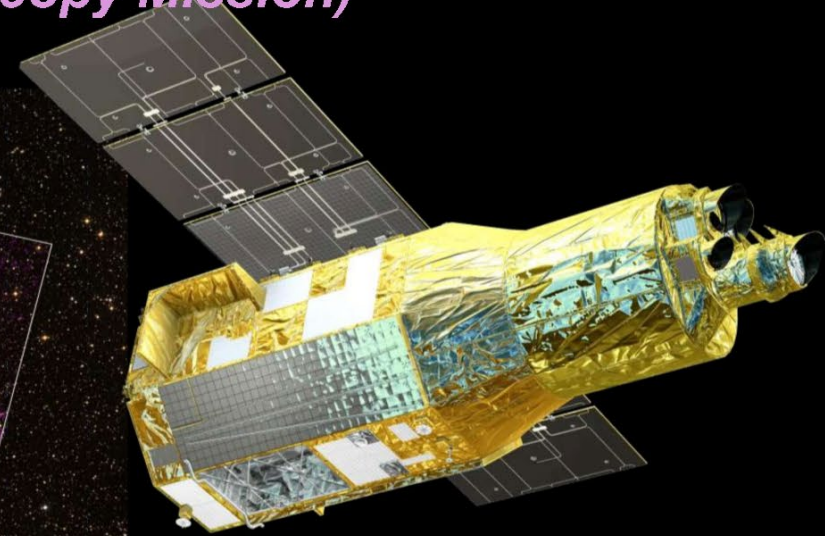
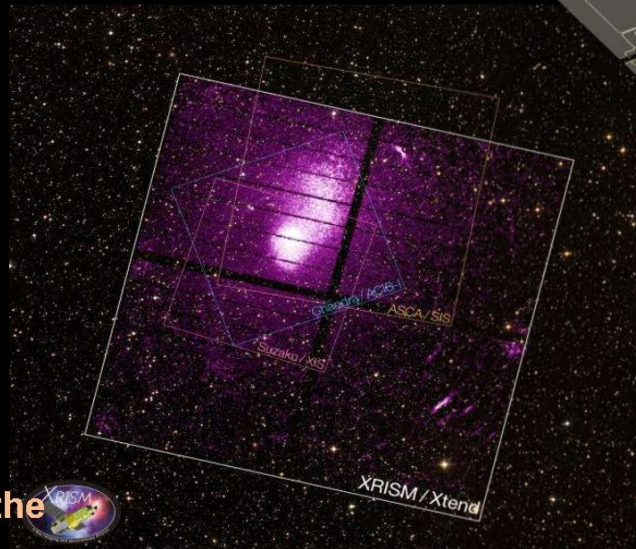


XRISM (X-Ray Imaging and Spectroscopy Mission)

JFY2023-2024



The Bulk Motion of Gas in the Core of the Centaurus Galaxy Cluster ©JAXA
Published in Nature



X-ray Spectrum of Supernova Remnant N132D
Measured by Resolve ©JAXA

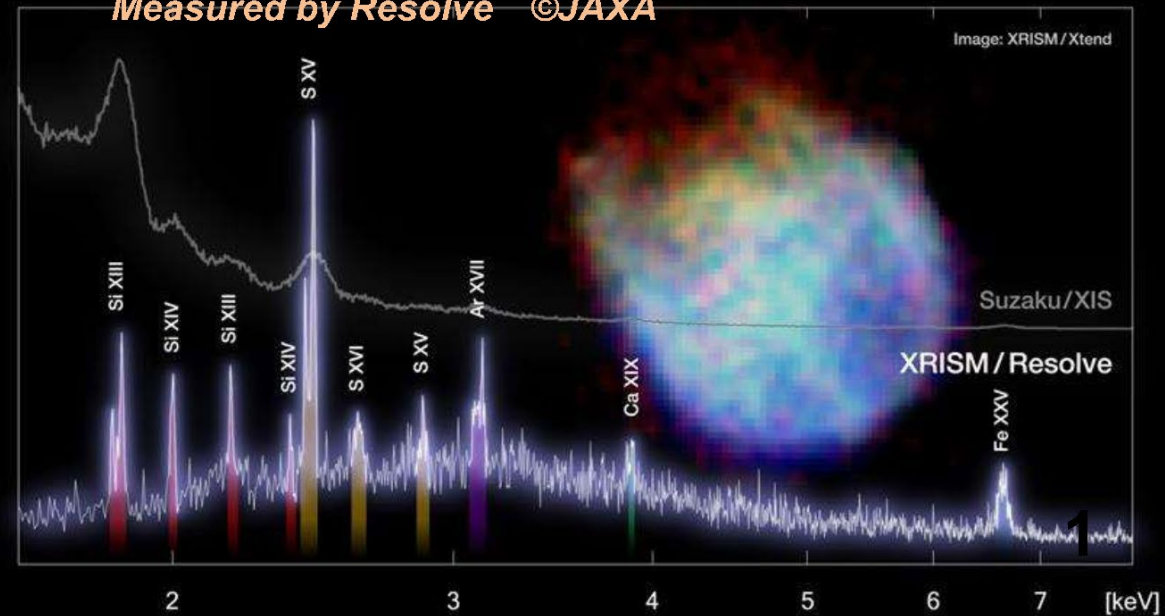


Illustration of Seyfert galaxy NGC 4151 based on XRISM observations and past observations. Disk wind is illustrated. ©JAXA

XRISM GV issue

Problem with photons below 1.7keV

Recovery operation is in the plan

Remember HYB2-TD2!

JAXA-led missions versus Participation to foreign missions

In Astrophys.,

Be the precursor/stepping-stone to open
a new horizon... XRISM, LiteBIRD

Go for a big fruit that cannot be reached
by JAXA-led missions... RST, HWO