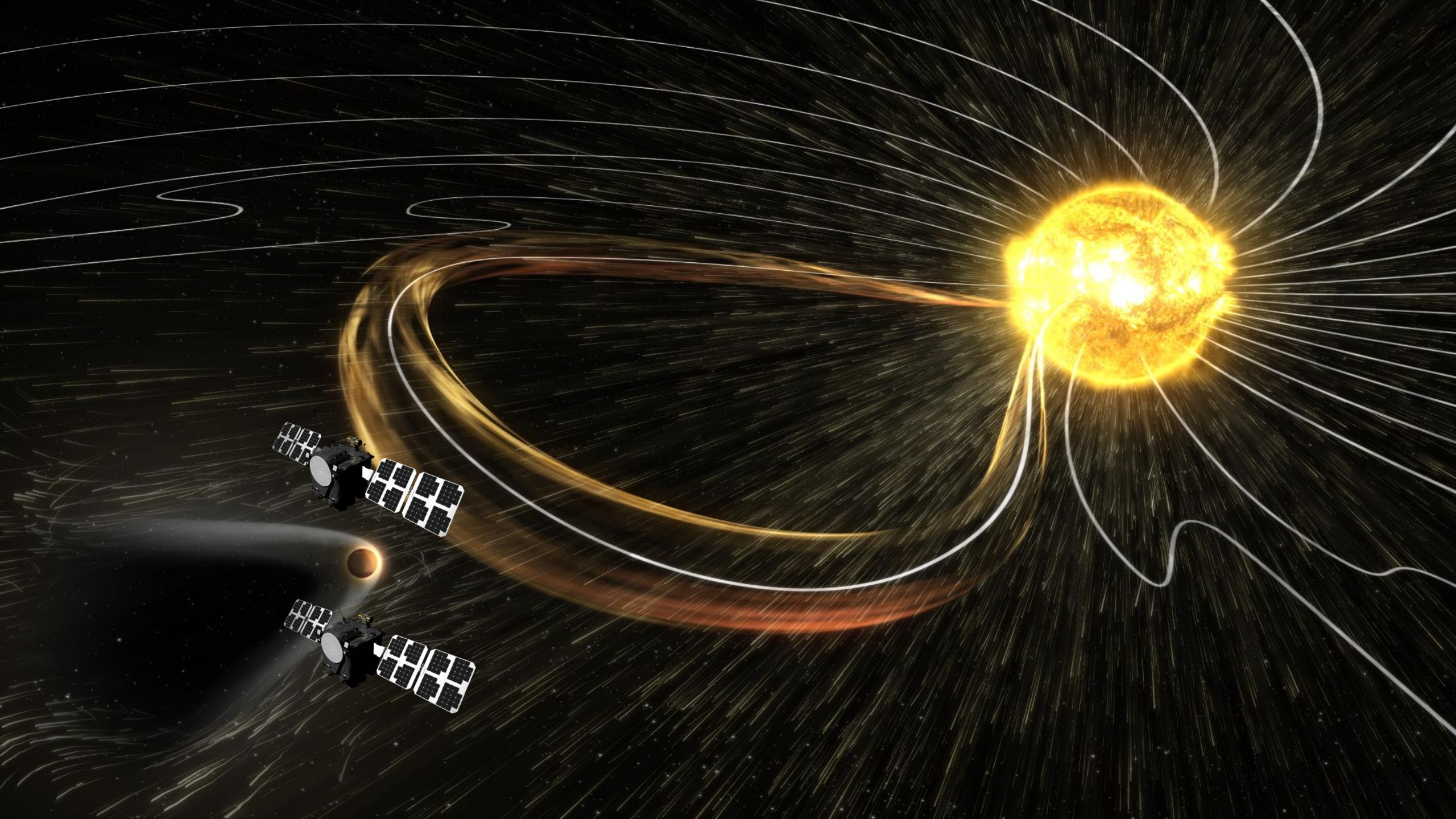
SCIENCE

DRIVES EXPLORATION

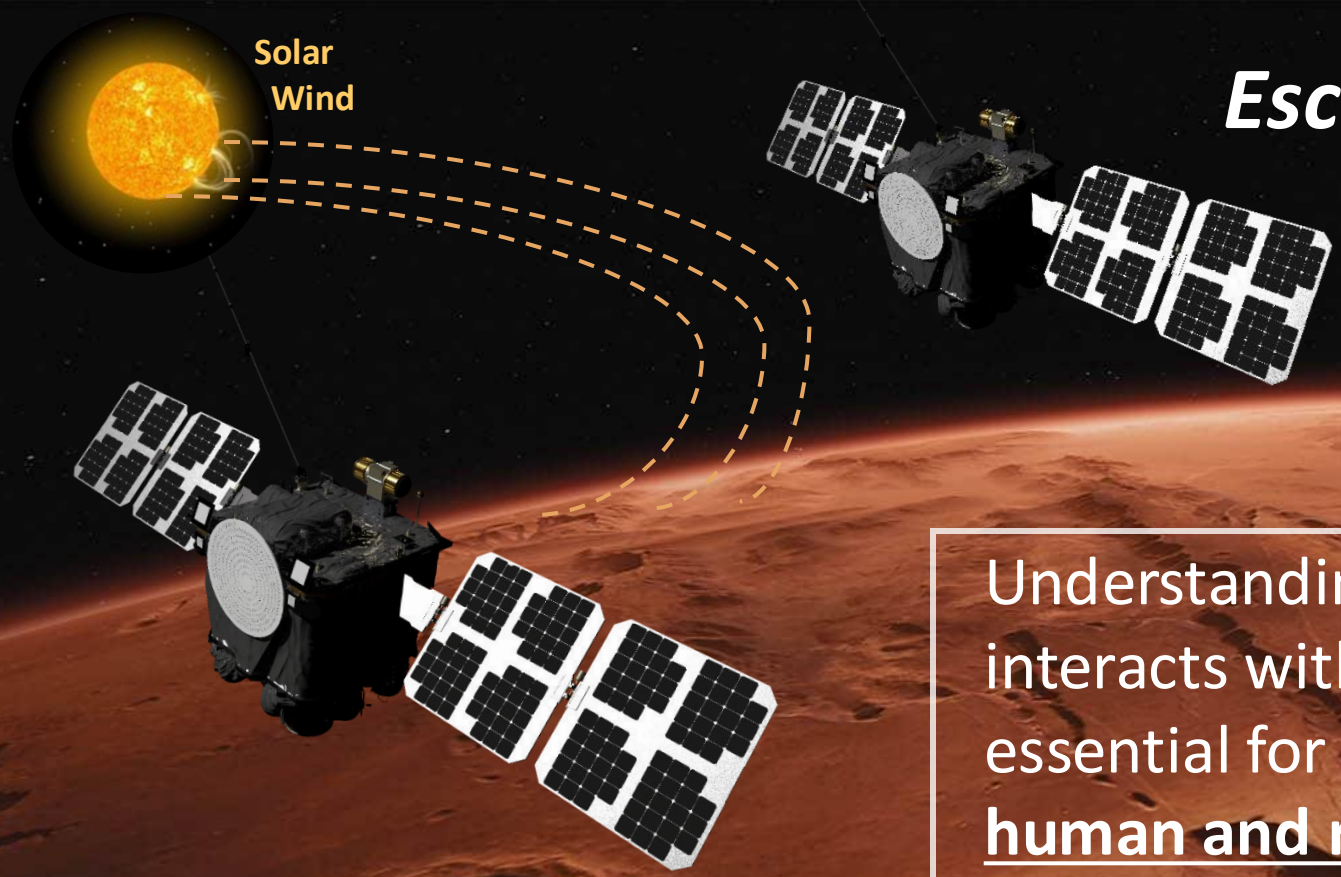
ESCAPADE: Innovative Methods for Exploration

Skyler Kleinschmidt
Program Executive



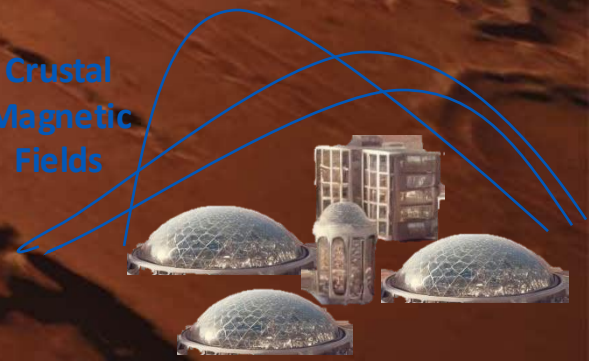


Escape and Plasma, Acceleration and Dynamics Explorers (ESCAPADE)



Understanding how Mars' magnetic environment interacts with hazardous space weather is essential for planning and **safeguarding future human and robotic missions to Mars**

ESCAPADE is the first multi-spacecraft orbital science mission to Mars



Small Spacecraft Enabling Big Science

- Small Innovate Missions for Planetary Exploration (SIMPLEx) selection in 2018 streamlined approach for small Category 3, Class D project in accordance with NPR 7120.5E.
- Launch Services procured under Venture-Class Acquisition of Dedicated and Rideshare (VADR) contract.

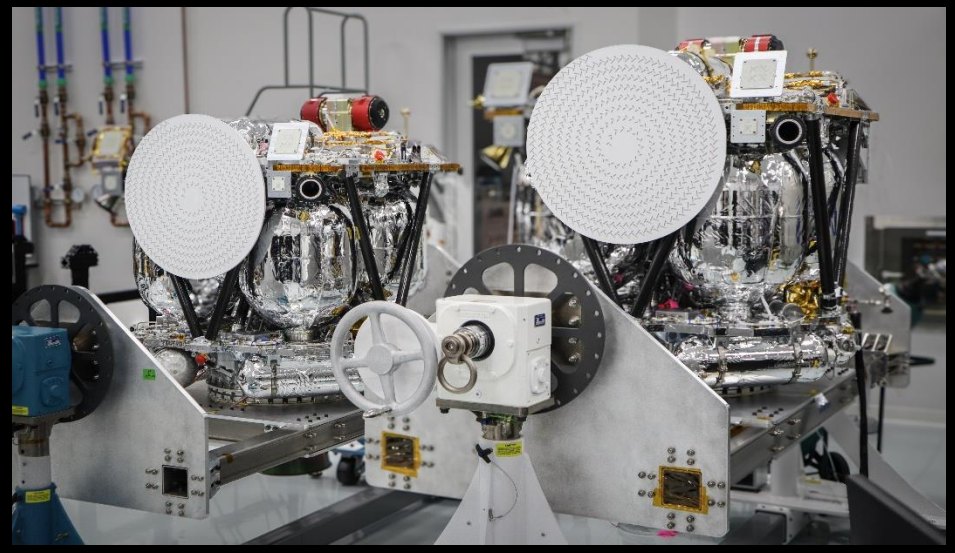


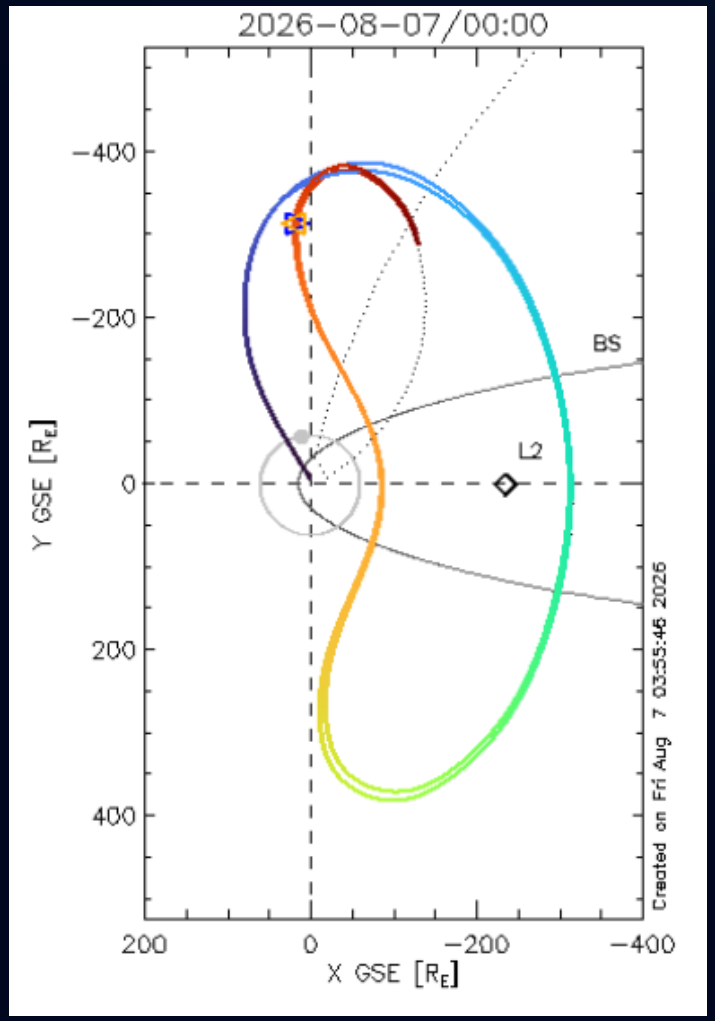
Photo of the ESCAPADE spacecraft. Credits: Rocket Lab USA/UC Berkeley



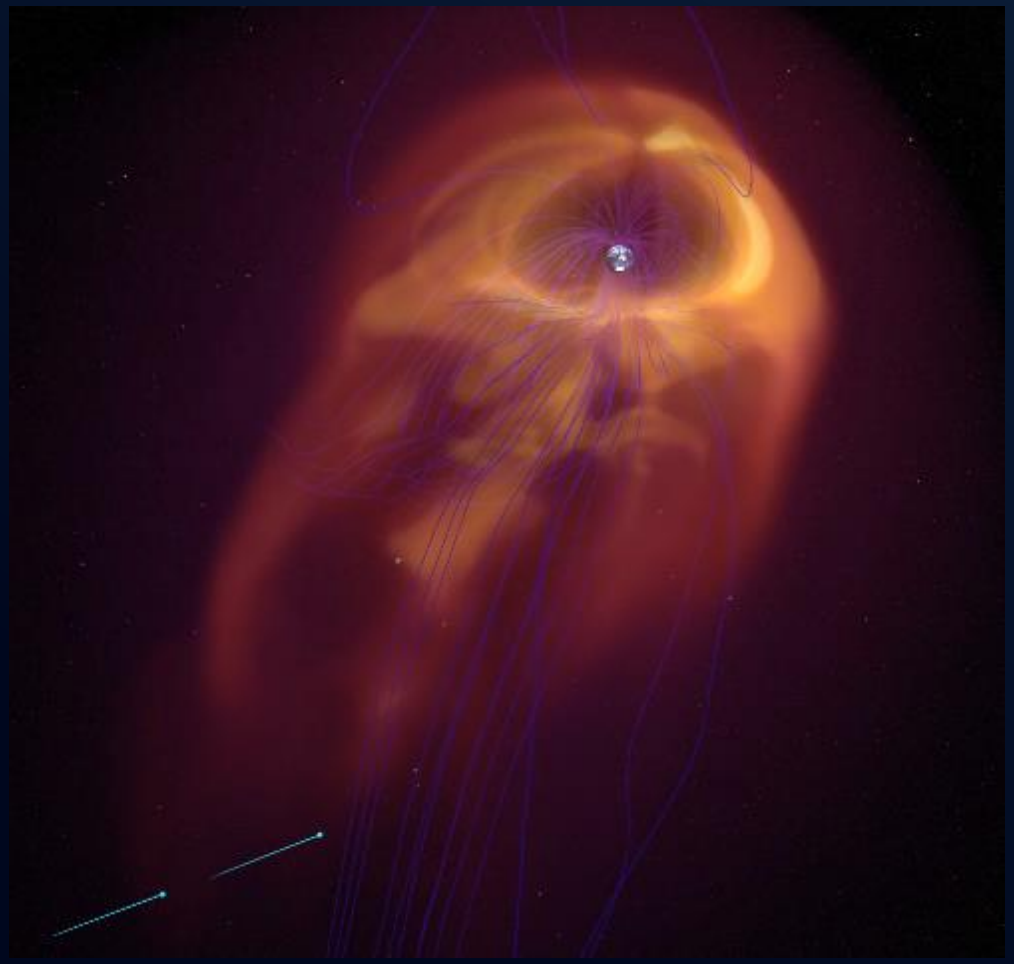


Views of launch on November 13, 2025 @ 03:55 PM EST. Credit: Blue Origin

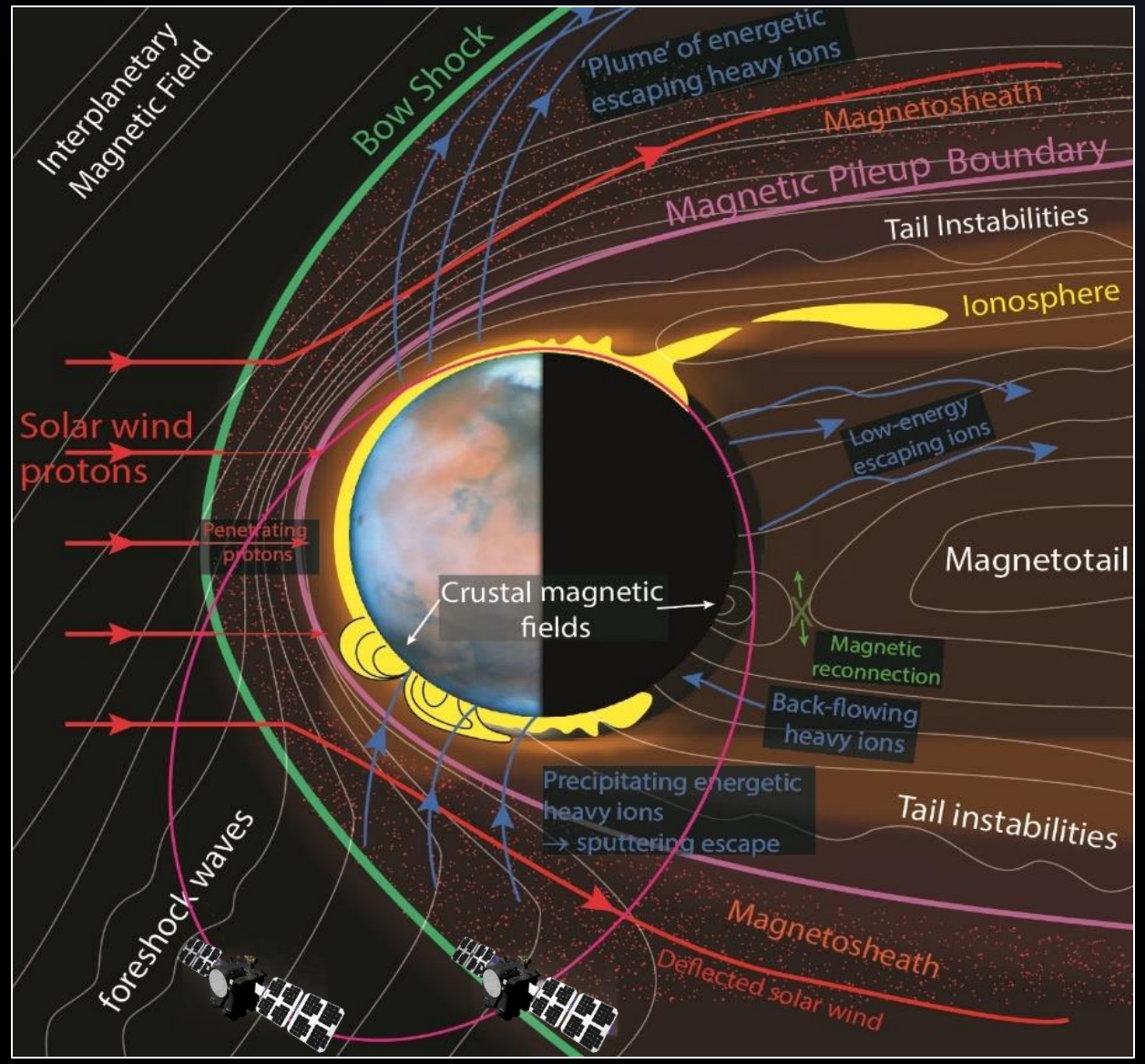
Pioneering a New Trajectory and Opportunistic Science



https://escapade.ssl.berkeley.edu/where-is-escapade/



Visualization of the twin ESCAPADE spacecraft transiting Earth's distant magnetotail in March, 2026.



Multi-Point Measurements:
Crucial for this Dynamic System

Observe

⬇

Model

⬇

Predict

⬇

Protect

ESCAPADE's findings will be essential for planning and **<u>safeguarding future human and robotic missions Mars</u>**



ESCAPADE proves small spacecraft are a cost-effective way to enable science and pave the way for future human and robotic exploration of Mars.