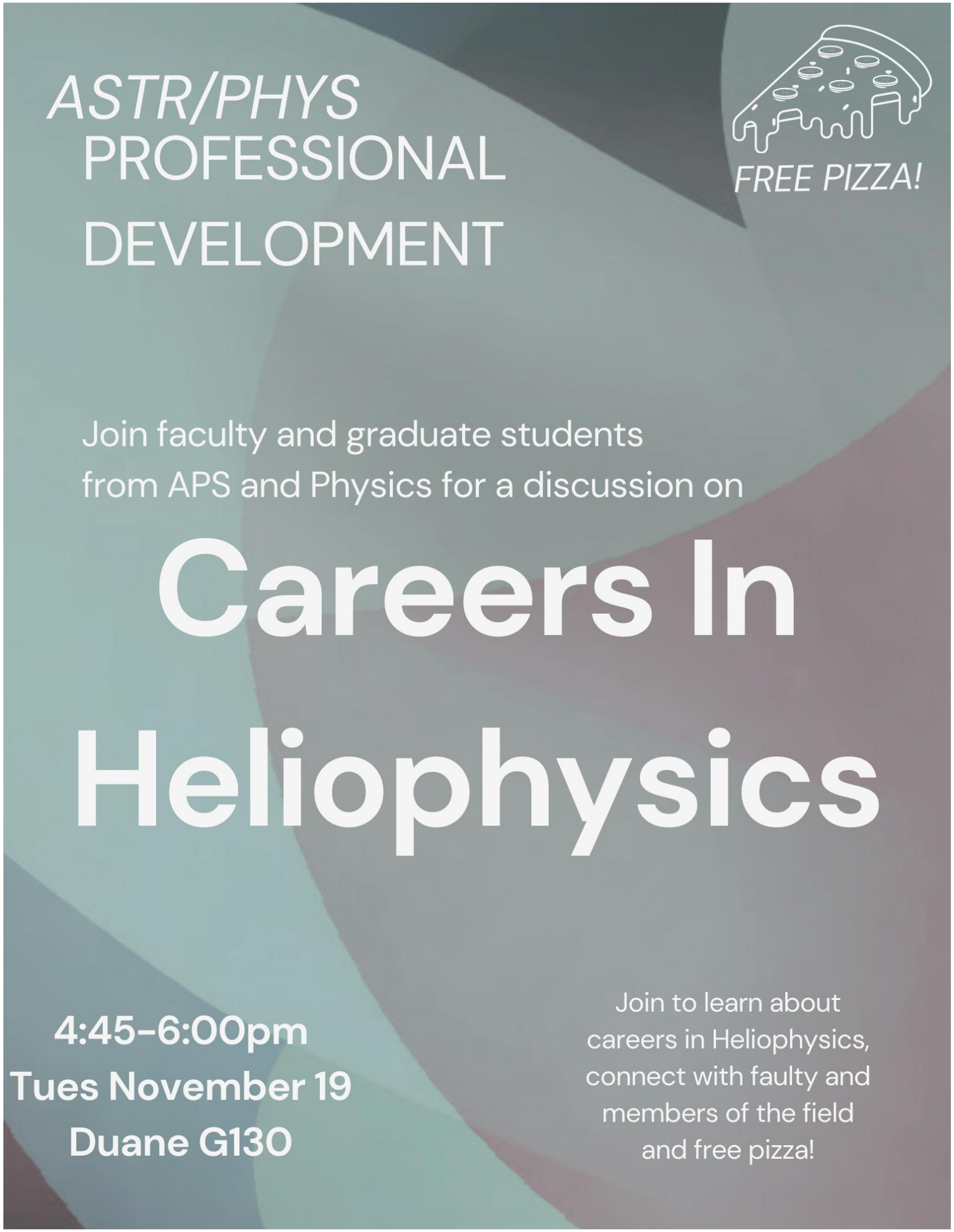

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Careers in Heliophysics:

An Info Session on Careers Exploring the Sun, Planetary Magnetospheres, Space Weather, and Space Plasma Physics

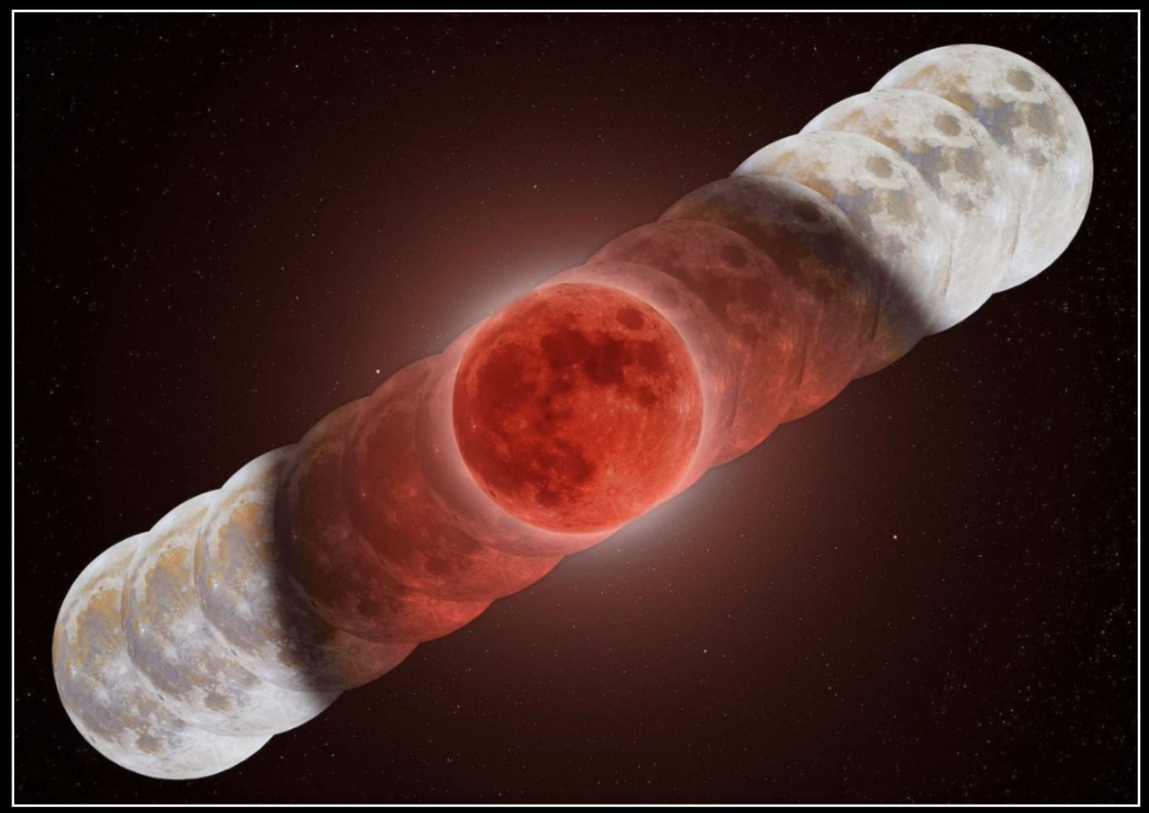
Plan for Today

- Introduction to Heliophysics (~5-7 min)

- Panel Member Presentations (~5-7 min each)
  - David Malaspina (CU Boulder)
  - Rachel Lense (Goddard Space Flight Center)
  - Christine Gabrielse (The Aerospace Corporation)
  - Richard Sheppard (NOAA Space Weather Prediction Center)

- Open for discussion

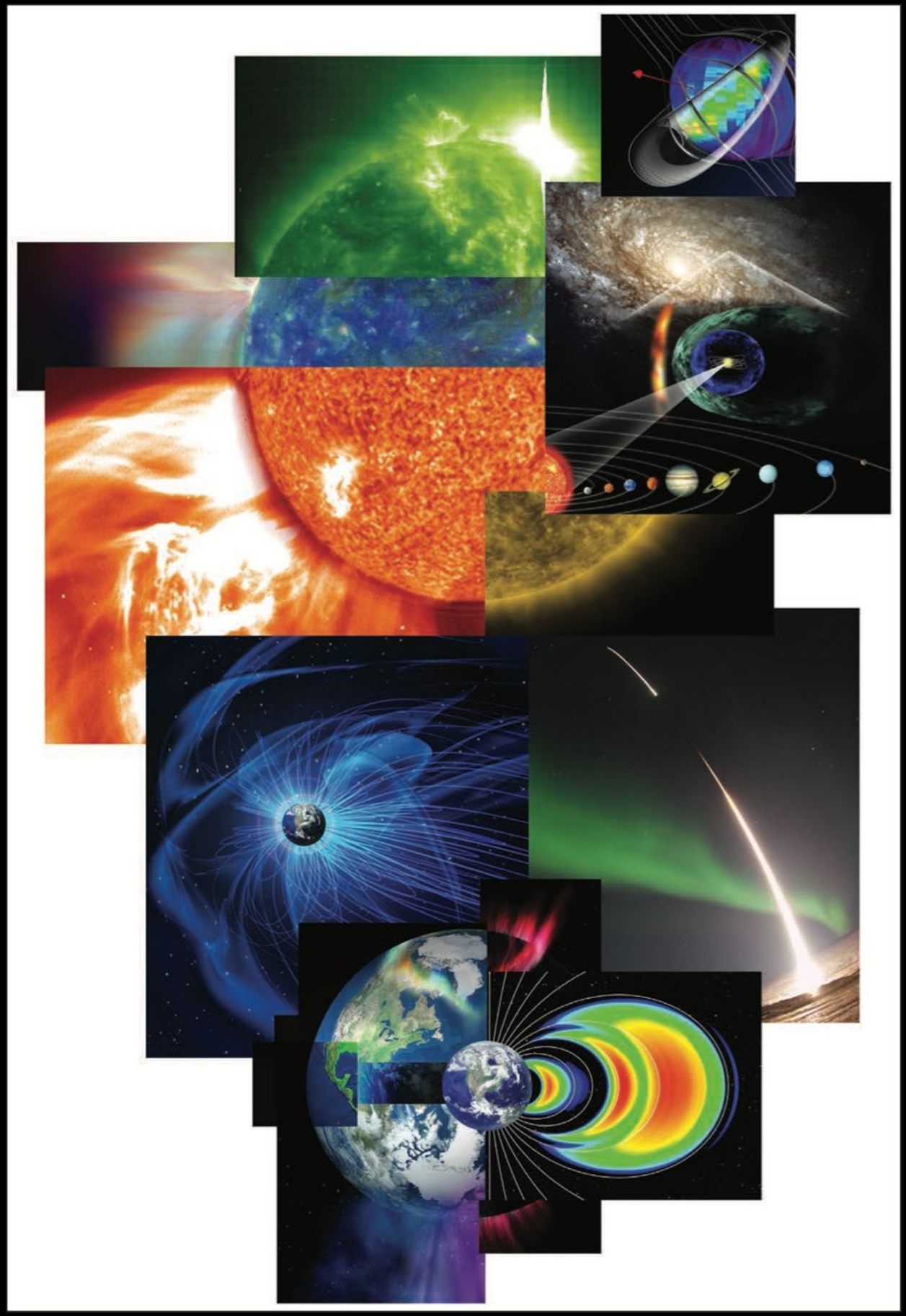
The space environment touches our lives, every day



What is Heliophysics?

Heliophysics seeks to understand the nature of the space environment

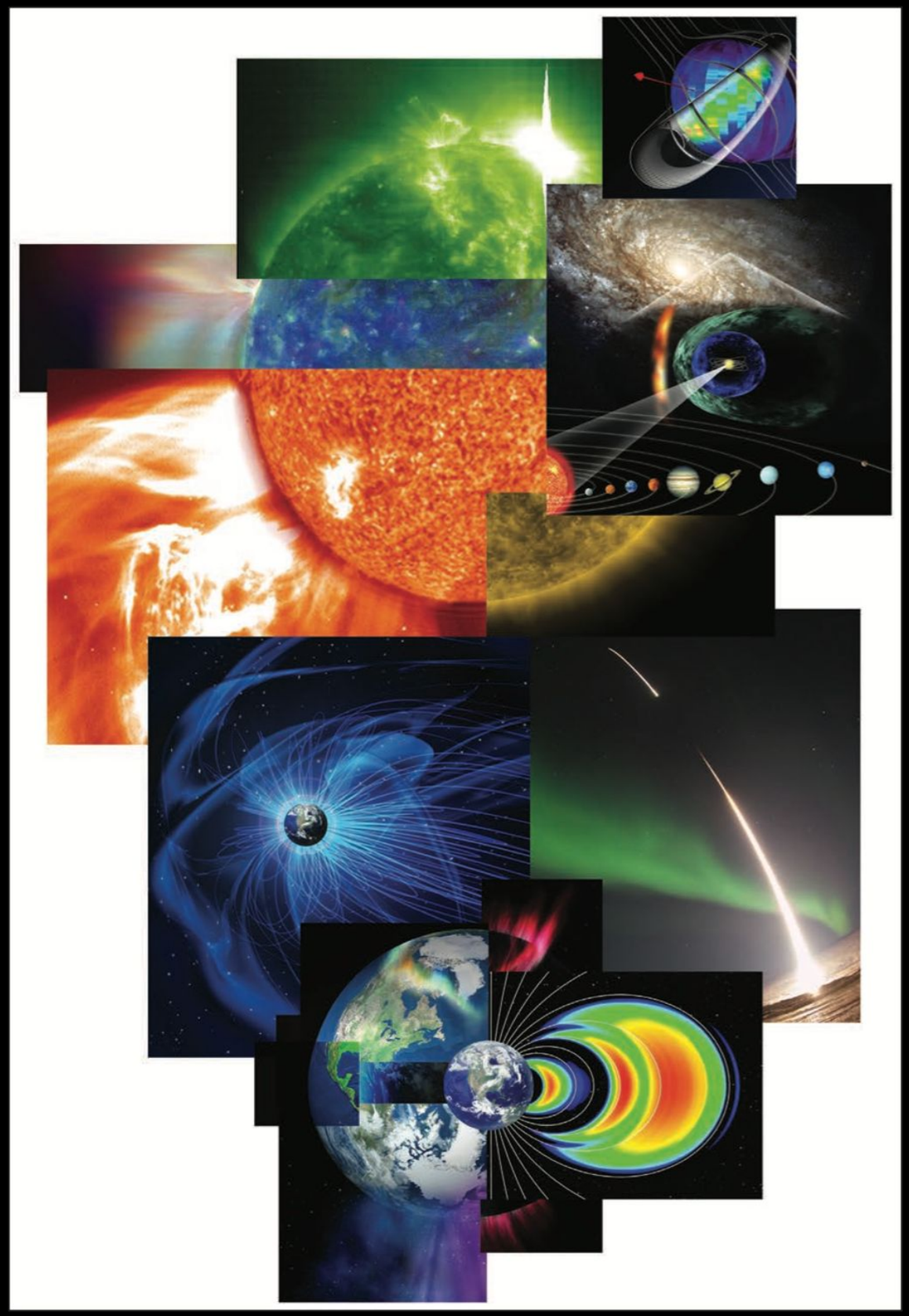
Heliophysics seeks to detect, predict, and adapt to extreme conditions in space, to protect life and society and to safeguard exploration beyond Earth



What is Heliophysics?

The Sun
(center of the solar system)

The Solar Wind
(the space between solar system objects)

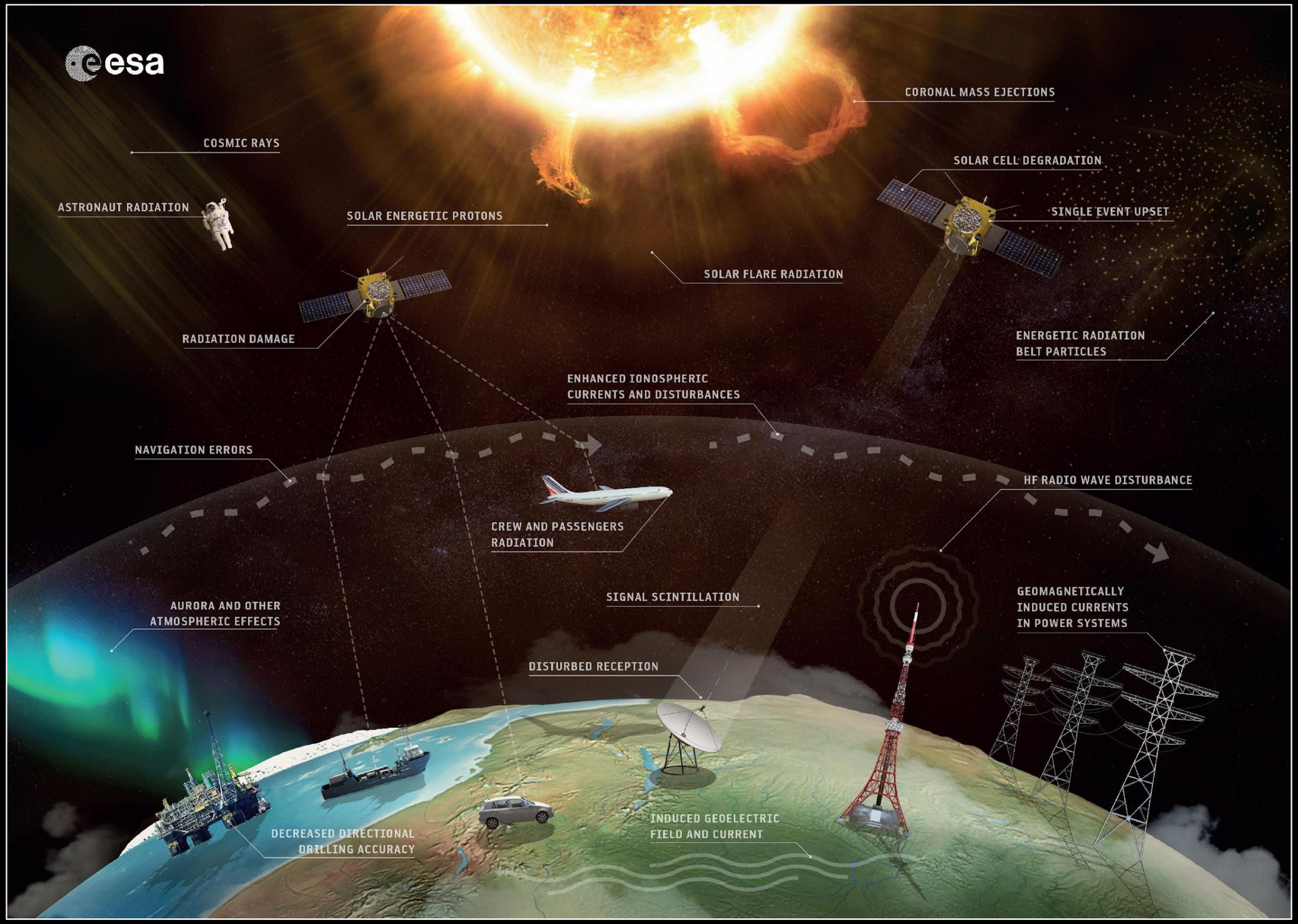


The Edge of the Solar System
(outer edge of the solar system)

Ionospheres
(outer edge of a planetary atmosphere)

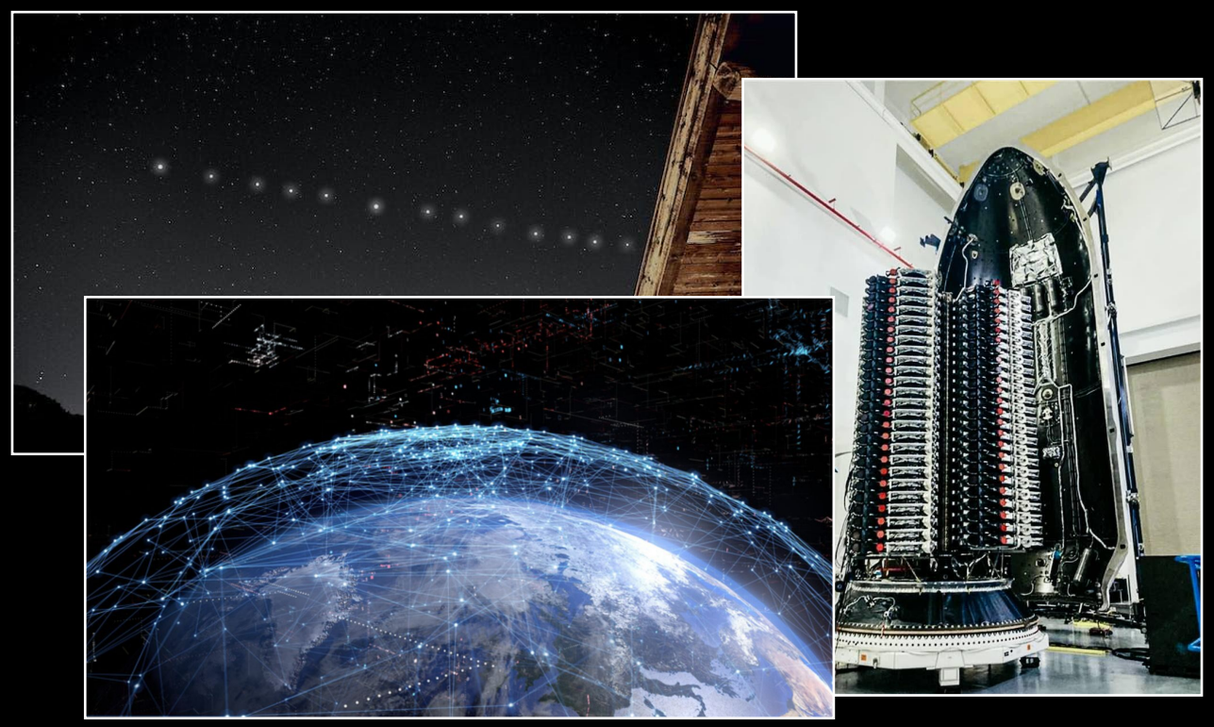
Magnetospheres
(regions of space influenced by planets)

The space environment touches our lives, every day

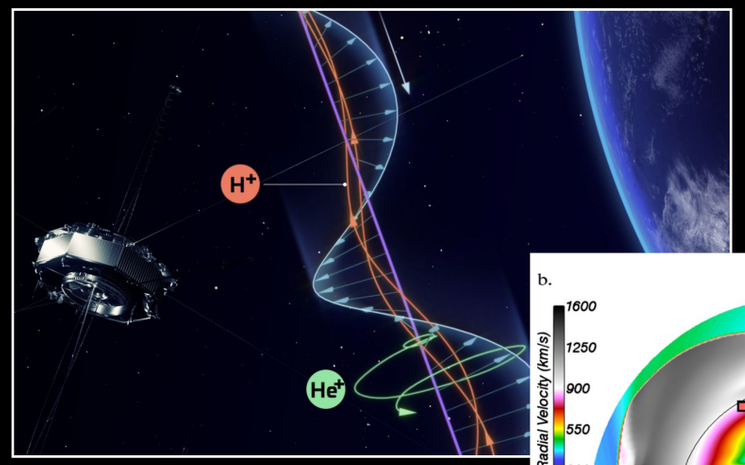


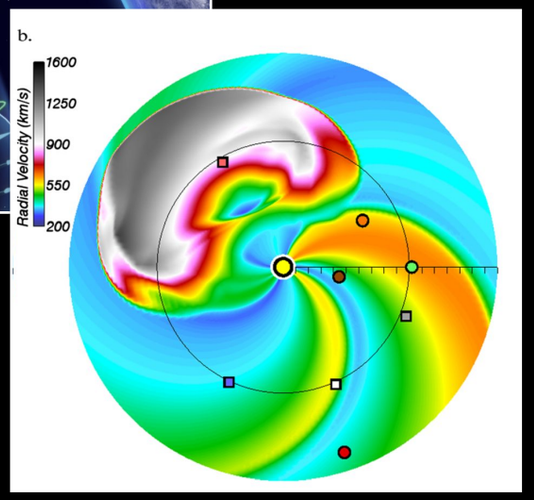
Types of Heliophysics Careers

Commercial



Academic





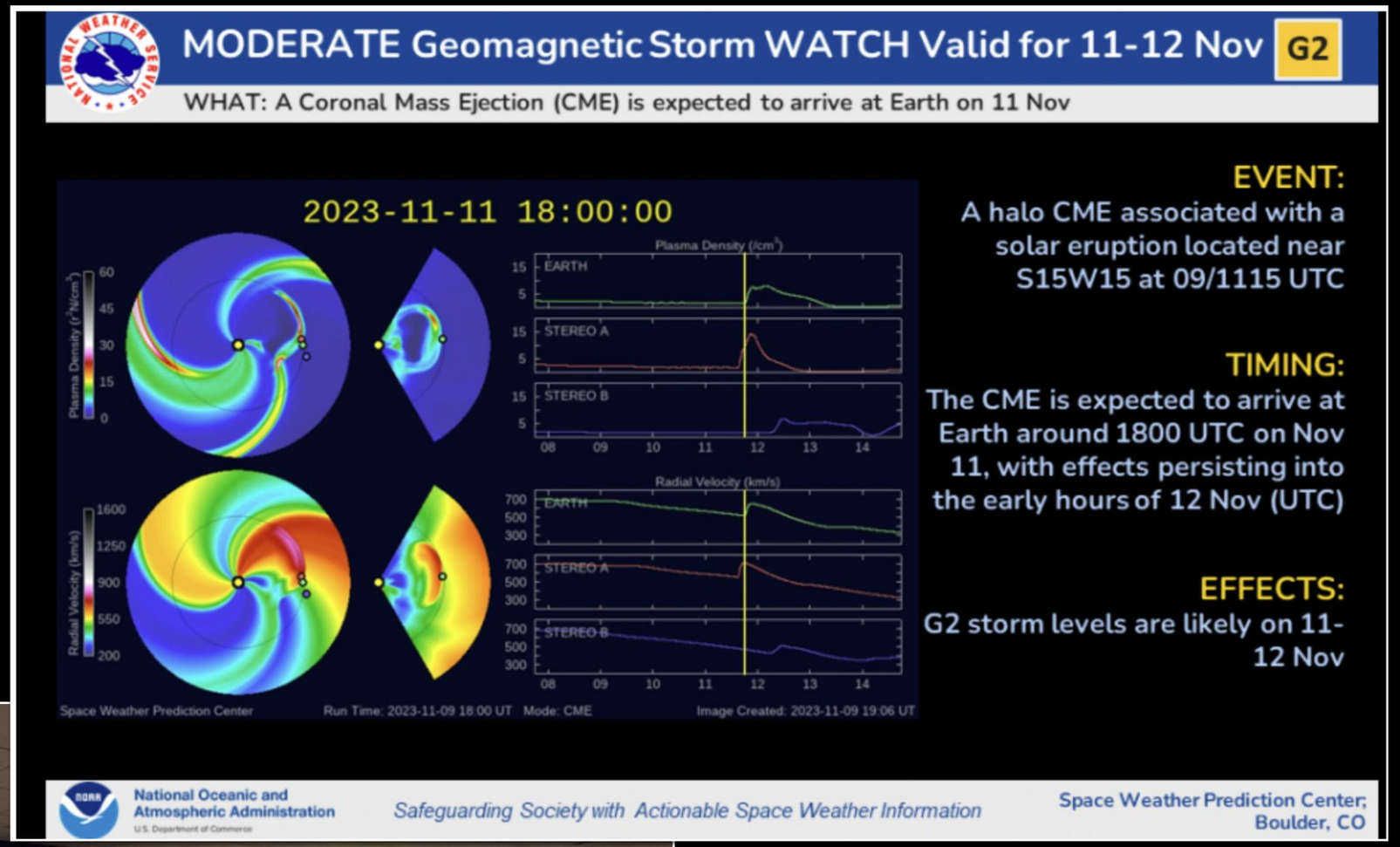
Military

Civilian Government

Heliophysics: Academic

Heliophysics: Civilian Government

Heliophysics: Space Weather



Heliophysics: Military

Counterinsurgency / Counterterrorism

A2/AD Environments / Multi-Domain

Communications

ISR

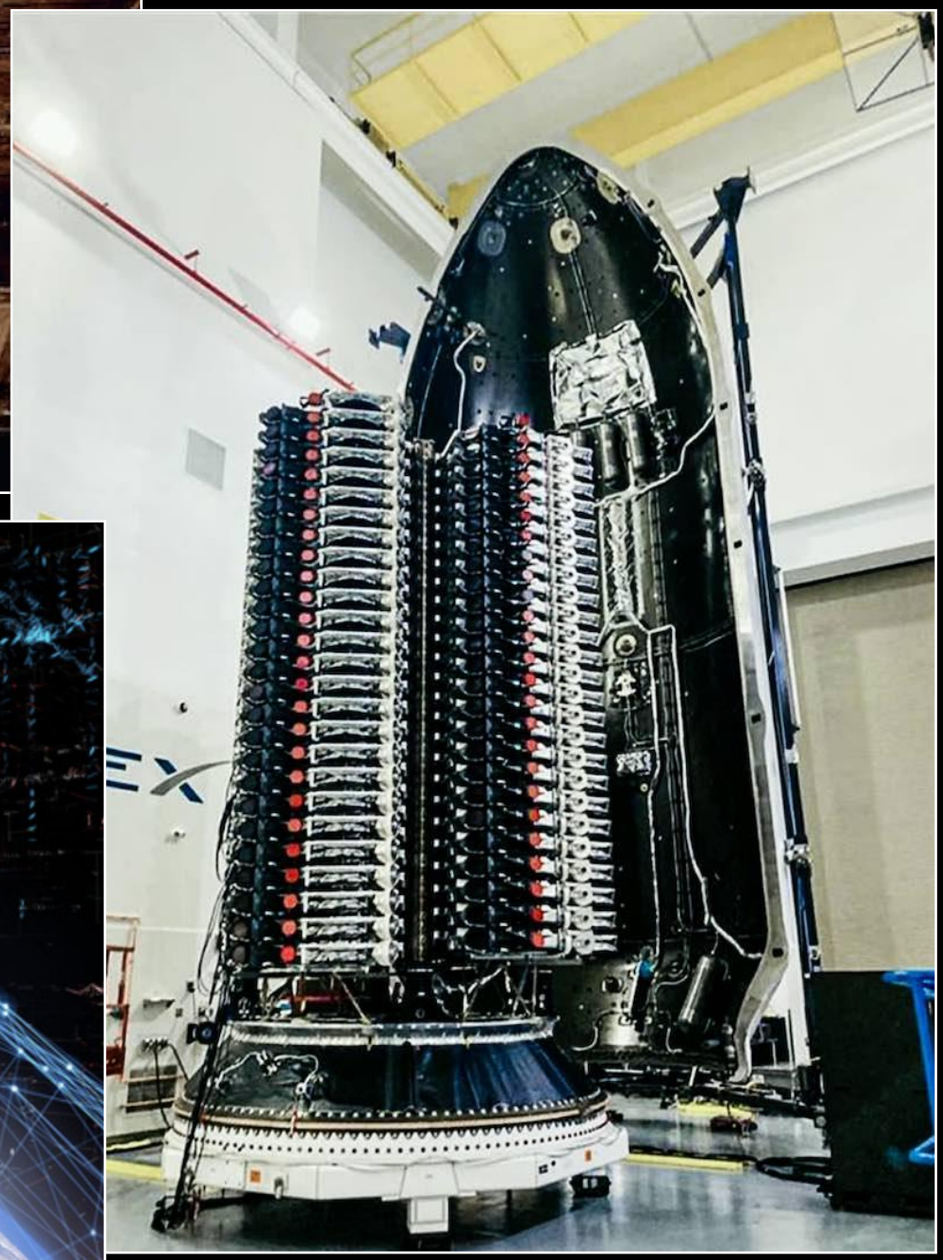
Safety of Flight

PNT

Polar Operations

Ballistic Missile Defense

Heliophysics: Commercial



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Feedback on this Event: