



VFP 2022–2023

AI in Space

From 2022–2023, AI in Space focused on how AI was used in the space domain, how AI is anticipated to be used, and how the US can continue principled leadership.



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Challenges

- In the space domain, an **awareness, understanding, and appreciation gap** exists of not only what the space domain enables, but also what it protects.
- This space race is a **race for capital, for resources, and for first mover advantage** of the highest high ground.
- Convening key stakeholders, we discussed disparate efforts to connect and collaborate, plus **AI threats, incentives, and pathways**.

Learnings



Identified the **increasing threats, necessary incentives, and potential pathways** needed to achieve shared goals in ongoing **collaborative initiatives on AI in Space**.



Identified **intersecting initiatives** and harmonized efforts through a series of **convenings with government, Stanford, and Hoover space stakeholders**.

Activities

1. Held at Hoover, the **AI in Space convening** included leadership from the **US Air and Space Forces**, the **Department of the Air Force**, **Stanford AI Studio**, **AFWERX**, **SPACEWERX**, and **Space Rapid Capabilities Office**.
2. Across Stanford, these stakeholders met with **Aero, Astro, EE leadership and faculty**, Technology for National Interest, and **Hoover national security affairs fellows**. We **discussed and advanced communication, standards, and leadership initiatives**.



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