Keynote Lecture

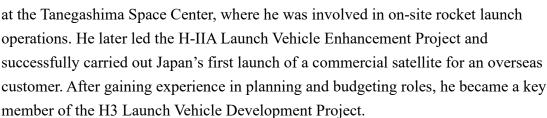
[Speaker]

Mr. Chikara Ishikawa

Functional Manager, H3 Project Team Space Transportation Technology Directorate Japan Aerospace Exploration Agency (JAXA)

(Speaker Biography)

Mr. Chikara Ishikawa joined the Japan Aerospace Exploration Agency (JAXA) in 2006. He began his career



In this role, he has been responsible for overall planning, budgeting, and risk management. Following the failure of H3's Test Flight No. 1, he promptly formulated and executed a plan to relaunch the project. He is currently working on finalizing the development plan for the upcoming new H3-30 test flight.

Presentation Title

"The H3 Launch Vehicle: Overcoming the Setback of the First Test Flight

- Insights into the Rebuilding of the Project Amidst Adversity-"

Lecture Abstract

The H-IIA rocket, developed in 2001, served as Japan's flagship launch vehicle for many years. However, in recent times, it has faced declining competitiveness in the global market. In response, JAXA launched the development of the H3 rocket as a next-generation flagship vehicle. After a decade of dedicated development, expectations were high for its first test flight—but it unfortunately ended in failure.

In this lecture, Mr. Ishikawa will share an inside look at the project: the investigation into the cause of the failure, the team's efforts to recover and rebuild, and the real-world challenges of steering a national space program through adversity.



