



Security
Standards Council®

SETTING MOONSHOT GOALS

Michael Aminzade – Vice President, Managed Compliance Services

Chelsea Lopez – Enterprise Risk Director

Introducing Partners



- The leading predict-to-prevent cybersecurity & compliance company.
- One-stop partner. Streamlined cybersecurity and compliance protection in one integrated solution – Asgard Platform.
- Expert advisors – Trusted by 3.5 million businesses every day.
- Proprietary insights.
- On the front lines of cybersecurity and compliance worldwide – in 70 countries.



- FIS is a financial technology company providing solutions to financial institutions, businesses and developers.
- We work with 95% of the world's leading banks.
- 50% of the world's most innovative companies are clients or partners.
- We are trusted to move the world's money.
- We protect our clients from 1 million cyberattacks every hour!

**“ WE CHOOSE TO GO
TO THE MOON IN THIS
DECADE AND DO THE
OTHER THINGS...
BECAUSE THEY ARE
HARD.**

JOHN F. KENNEDY



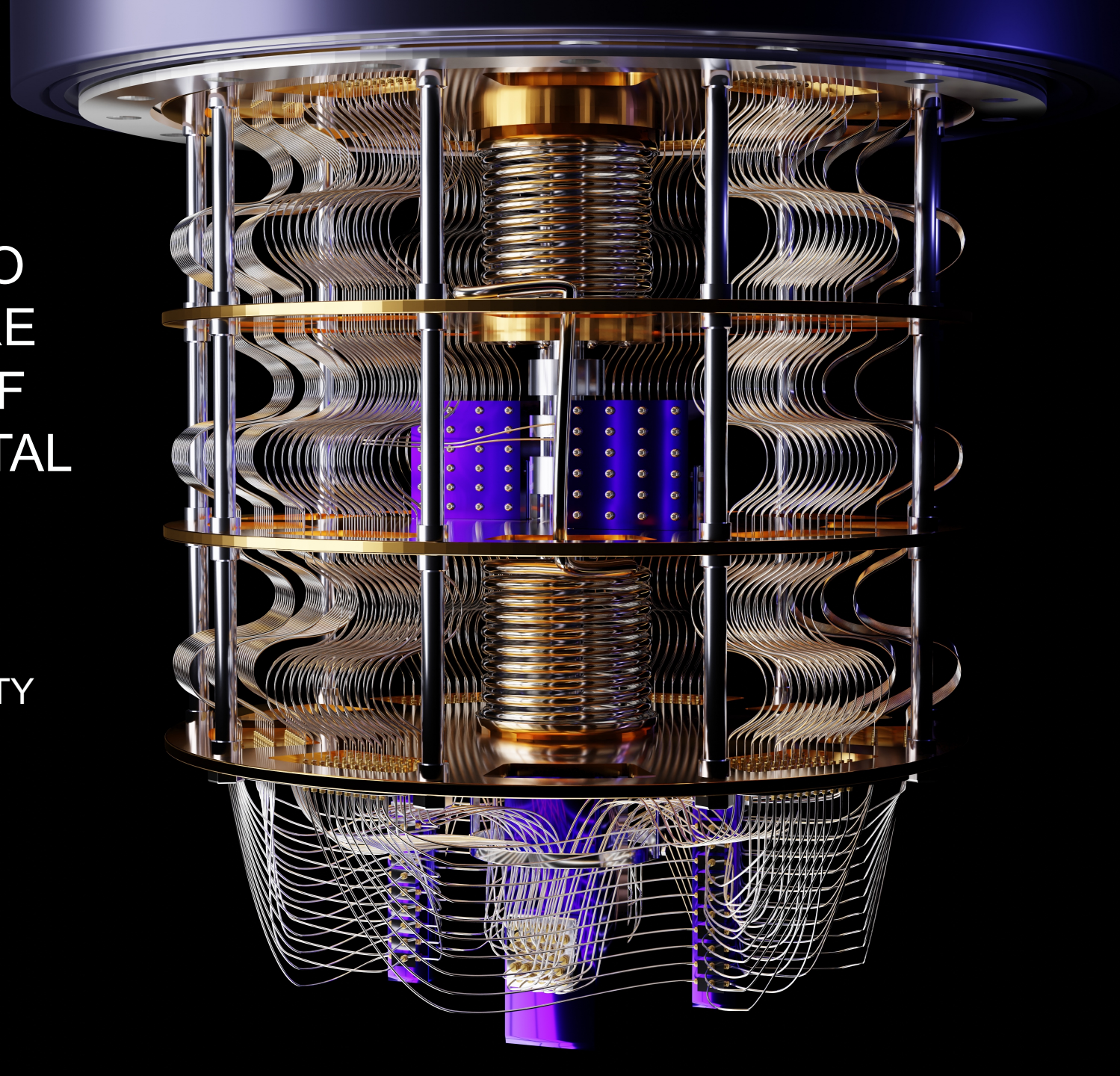
A large, detailed image of the Moon in space, showing its craters and surface texture. A rocket launch trail is visible on the right side, extending from the bottom towards the Moon. The background is a dark, starry space.

“ WE MUST BE BOLD!

**MOONSHOT - ACHIEVE GROUNDBREAKING
RESULTS THROUGH INNOVATIVE AND
DARING APPROACHES.**

“ WE MAY SOON BE ABLE TO
USE QUANTUM HARDWARE
TO BUILD SIMULATIONS OF
SYSTEMS OF FUNDAMENTAL
PARTICLES THAT WERE
PREVIOUSLY IMPOSSIBLE

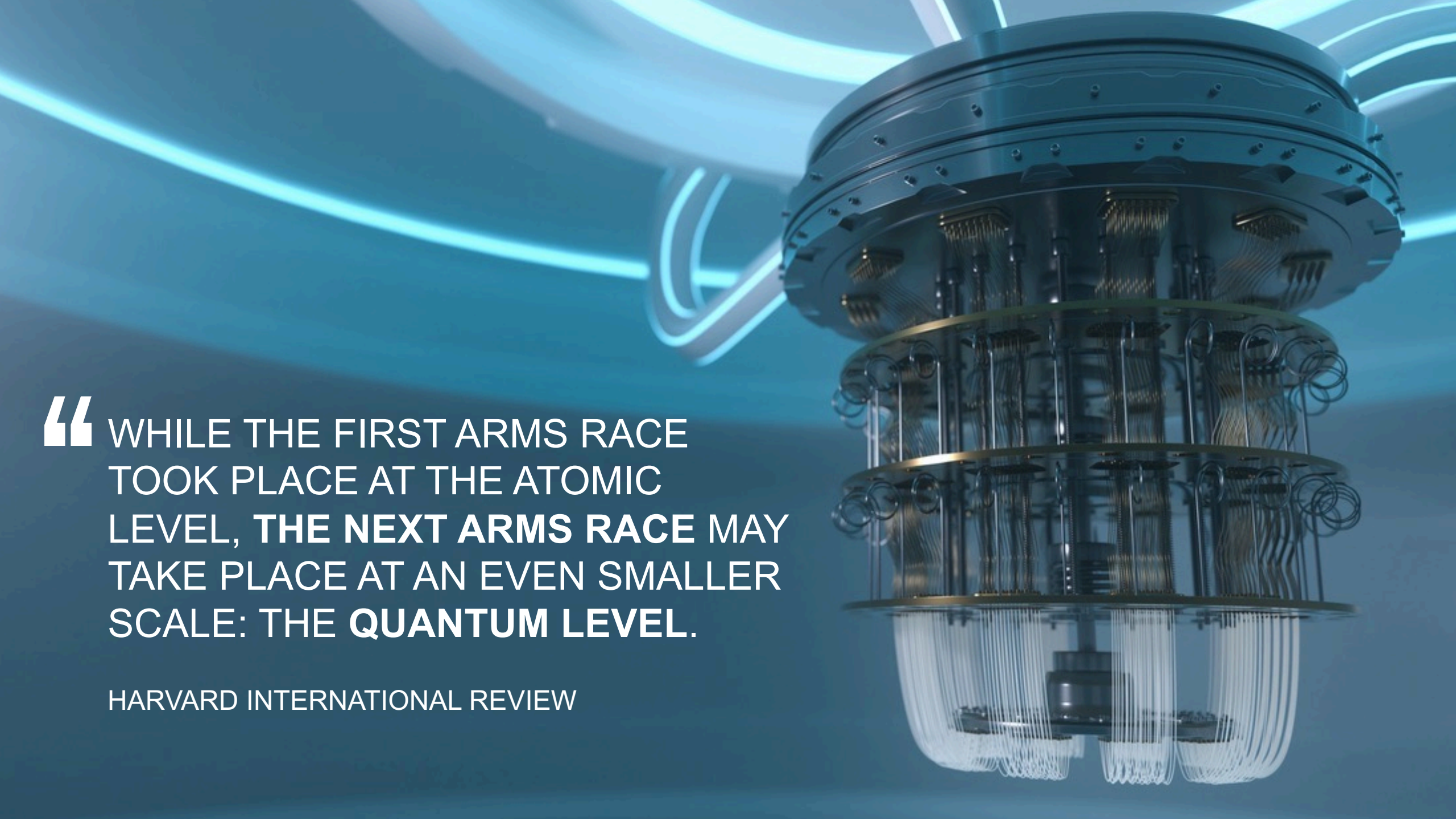
RESEARCHERS FROM THE UNIVERSITY
OF WASHINGTON AND LAWRENCE
BERKELEY NATIONAL LABORATORY





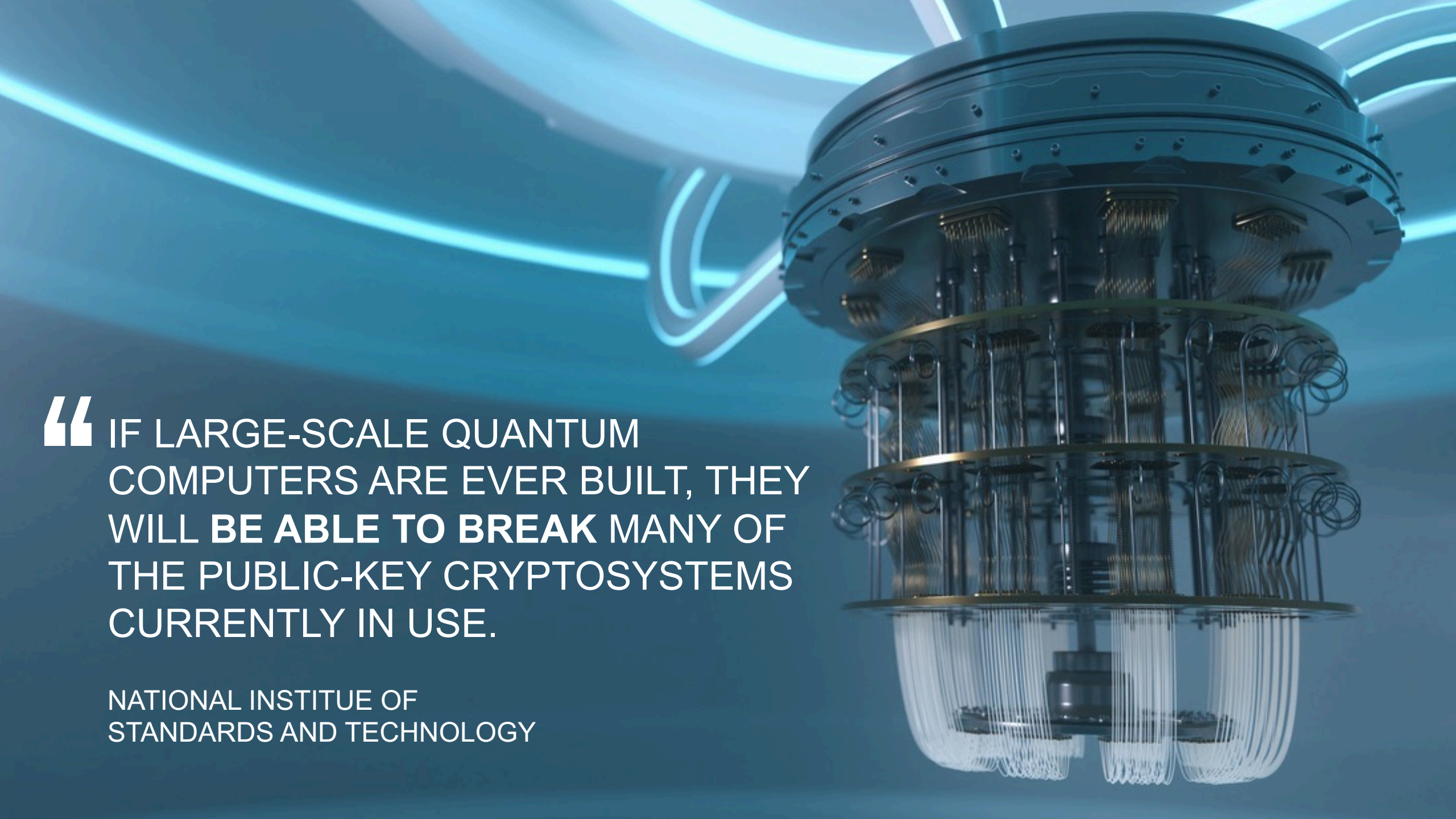
“PHYSICS MUST REPRESENT A
REALITY IN SPACE AND TIME,
FREE FROM **SPOOKY ACTION**
AT A DISTANCE.

ALBERT EINSTEIN



“ WHILE THE FIRST ARMS RACE
TOOK PLACE AT THE ATOMIC
LEVEL, **THE NEXT ARMS RACE** MAY
TAKE PLACE AT AN EVEN SMALLER
SCALE: **THE QUANTUM LEVEL.**

HARVARD INTERNATIONAL REVIEW



“ IF LARGE-SCALE QUANTUM COMPUTERS ARE EVER BUILT, THEY WILL **BE ABLE TO BREAK** MANY OF THE PUBLIC-KEY CRYPTOSYSTEMS CURRENTLY IN USE.

NATIONAL INSTITUTE OF
STANDARDS AND TECHNOLOGY

“ HISTORICALLY, IT HAS TAKEN ALMOST **TWO DECADES** TO DEPLOY OUR MODERN PUBLIC KEY CRYPTOGRAPHY INFRASTRUCTURE.

NATIONAL INSTITUTE OF
STANDARDS AND TECHNOLOGY



A woman in a blue shirt and dark skirt stands in a server room, holding a laptop. She is surrounded by rows of server racks. The room is illuminated with blue light, and numerous glowing blue and purple lines represent data connections and network paths, creating a sense of a complex, interconnected digital world.

“ THEY WILL
BE STRONGER,
FASTER AND
MORE INTELLIGENT
THAN US.

2062: THE WORLD THAT
AI MADE BY TOBY WALSH

“ AI IS A POWERFUL TOOL...IT HAS GIVEN ORGANISATIONS...THE POTENTIAL TO CREATE THEIR OWN “MOONSHOT” PROJECTS THAT WILL PROVIDE A GENERATIONAL LEAP IN CAPABILITIES.

RAHUL PRADHAN
BUSINESS REPORTER

AI



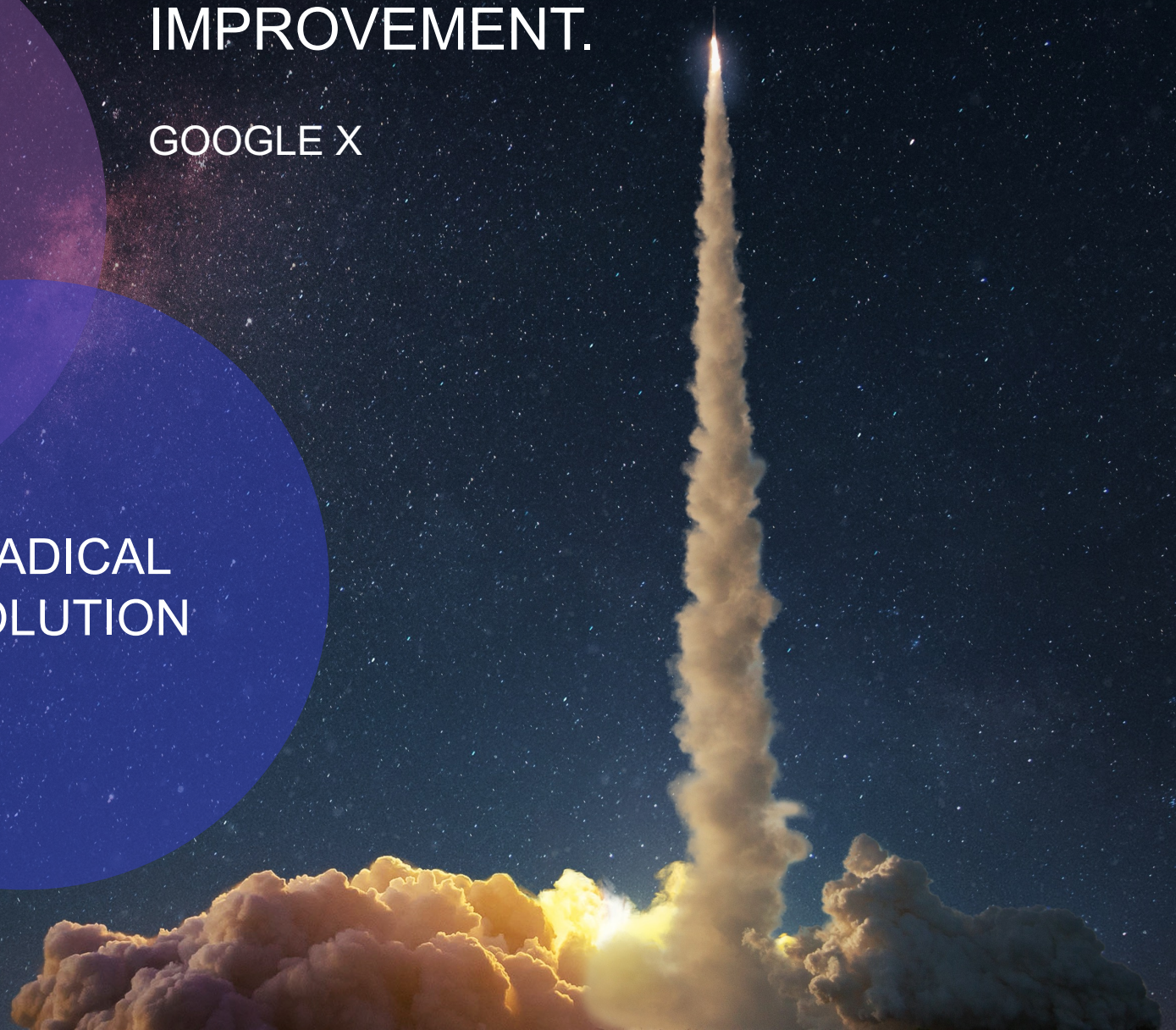
“ 10X IMPACT ON THE WORLD’S MOST INTRACTABLE PROBLEMS, NOT JUST 10% IMPROVEMENT.

GOOGLE X

HUGE PROBLEM

BREAK-
THROUGH
TECHNOLOGY

RADICAL
SOLUTION



ESSENTIAL TIPS FOR ASPIRING ACHIEVERS

A rocket is shown launching vertically into a dark, star-filled sky. The rocket's exhaust is a thick, bright white plume that tapers as it rises. At the base of the rocket, there is a large, billowing cloud of orange and yellow smoke or fire. The background is a deep blue and black space filled with numerous small, bright stars and a faint, reddish nebula or galaxy structure.

Focus on the problem and gain a deep understanding of it.

GOOGLE X

ESSENTIAL TIPS FOR ASPIRING ACHIEVERS

A rocket is shown launching vertically from the bottom right, leaving a thick, white plume of smoke and a bright yellow-orange flame at its base. The rocket itself is a thin, dark line against the dark blue and black background of space, which is filled with numerous small, bright stars. In the upper left, a faint, reddish-pink nebula or galaxy is visible. The overall scene is dramatic and inspiring, symbolizing achievement and reaching for the stars.

Take on the hardest, most important part of the problem first.

GOOGLE X

ESSENTIAL TIPS FOR ASPIRING ACHIEVERS

A rocket launch against a starry night sky with the Milky Way galaxy visible. The rocket is positioned on the right side of the frame, ascending vertically. The sky is dark blue and black, filled with numerous stars and the faint, reddish-pink glow of the Milky Way galaxy. The rocket's exhaust is a thick, white plume that tapers as it rises. At the base of the rocket, there is a large, bright, orange and yellow fireball, suggesting the point of launch or a powerful engine burn.

Don't waste time trying to perfect something right away.

GOOGLE X

ESSENTIAL TIPS FOR ASPIRING ACHIEVERS

A rocket is shown launching vertically from a large, billowing cloud of white smoke and orange fire at the bottom of the frame. The rocket's trail is a thick, white column of smoke that tapers as it ascends. The background is a deep blue night sky filled with numerous small, bright stars. A prominent feature in the upper left quadrant is a colorful, reddish-pink nebula or galaxy, adding a sense of vastness and cosmic scale to the scene.

Shift your perspective.

GOOGLE X

ESSENTIAL TIPS FOR ASPIRING ACHIEVERS

A rocket launch against a starry night sky with a galaxy. The rocket is positioned on the right side of the frame, ascending vertically. A thick, white plume of smoke and fire trails behind it, starting from a large, bright, orange and yellow cloud at the bottom. The background is a deep blue night sky filled with numerous small, white stars. A prominent, reddish-pink nebula or galaxy is visible in the upper left quadrant of the image.

Get out and test in the field as early
and often as possible.

GOOGLE X

NO R&D FUNCTION – PARTNER UP!

- Define the moonshot goal.



NO R&D FUNCTION – PARTNER UP!

- Define the moonshot goal.
- Identify potential partners.



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- Identify potential partners.
- Establish clear collaboration models.



NO R&D FUNCTION – PARTNER UP!

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- Establish clear collaboration models.
- Leverage external funding.



NO R&D FUNCTION – PARTNER UP!

- Define the moonshot goal.
- Identify potential partners.
- Establish clear collaboration models.
- Leverage external funding.
- Foster an innovation culture.



THE FUTURE OF OUR INDUSTRY

Zero-Fraud Transactions



THE FUTURE OF OUR INDUSTRY

Quantum-Resistant Security



THE FUTURE OF OUR INDUSTRY

[Insert Idea Here]



“ WE WILL USE WHAT WE
LEARN ON AND AROUND
THE MOON TO TAKE THE
NEXT GIANT LEAP:
SENDING THE FIRST
ASTRONAUTS TO MARS.

NASA



THANK YOU





Security[®]
Standards Council