Michael Foale PhD, CBE

AI & Aerospace Innovation Expert

"A Legend for Britain and the US"

Dr. Michael Foale CBE is one of the most experienced astronauts in history and a rare voice at the intersection of space exploration, leadership under pressure, and artificial intelligence. An experimental astrophysicist with a PhD from Cambridge University, he spent more than 25 years at NASA, where he flew six space missions.

TOPICS:

- Leadership and Teamwork in Extreme Environments
- Decision-making under Pressure and Crisis Management
- Innovation, Risk, and Resilience
- Space Exploration and the Future of Human Spaceflight
- Artificial Intelligence in Aerospace and Safety-Critical Systems

LANGUAGES:

He presents in English.

IN DETAIL:

His career spans some of the most critical moments in modern spaceflight, from the first rendezvous with the Russian space station Mir, to repairing the Hubble Space Telescope, to commanding the International Space Station. He is also credited with helping save the Mir station after a catastrophic collision. Following his retirement from NASA in 2013, Foale founded Foale Aerospace Inc. and has since worked at the cutting edge of aerospace innovation and artificial intelligence. His post-NASA work includes advising the Inspiration Mars Foundation, testing rocket motors for Virgin Galactic, and applying AI to aviation safety, drone delivery, lunar rover navigation, and spacecraft fault detection. He has won multiple international innovation prizes for his AI-driven solutions.

WHAT HE OFFERS YOU:

Michael brings unparalleled insight into decision-making when failure is not an option. His talks combine real-life space mission experiences with practical lessons on leadership, teamwork, innovation, and resilience.

HOW HE PRESENTS:

Michael's fascinating presentations are highly sought after by a diverse range of audiences. Clear, authentic, and deeply engaging, he blends gripping first-hand stories from space with accessible explanations of complex technical challenges

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