

Dr. Moogega Cooper

Space Engineer, Planetary Protection Lead of Mars Rover 'Perseverance' Mission

Trailblazing Leadership from Earth to the Stars. What does it take to accomplish something as extraordinary as landing a rover on Mars? In this awe-inspiring keynote, Cooper takes audiences behind the scenes of NASA's Jet Propulsion Laboratory to reveal the extraordinary teamwork behind one of humanity's greatest achievements in space exploration. Through fascinating stories from the mission and her own remarkable journey, she shows audiences how to build teams capable of tackling ambitious goals. From establishing trust across highly specialized disciplines to solving problems together under immense pressure, Cooper shares practical lessons leaders can apply to strengthen collaboration and bring out the best in their people.

The Power of Perseverance: The Science of Bouncing Back. At NASA, years of research and testing can come down to a single moment, and even the world's best scientists don't always get the result they expect. Dr. Moogega "Moo" Cooper has seen how the response to those moments can determine the success of an entire mission. Cooper brings a scientist's approach to resilience, revealing how NASA's teams examine what went wrong, challenge their own thinking, and use unexpected results to improve their next attempt. She shows leaders how to replace blame with productive feedback and make better decisions under pressure, helping their teams build the confidence to take risks without treating every setback as a defeat

Diversity in STEAM from a Real-Life Guardian of the Galaxy. From encouraging young students to discover the excitement of science to championing greater representation in leadership, Dr. Moogega "Moo" Cooper has seen how access to opportunity can shape careers and bring new talent into the field. With her infectious enthusiasm and personal stories from a groundbreaking career in space exploration, Cooper shows how organizations can turn their commitment to diversity into meaningful opportunities. Her message offers leaders practical ways to expand their talent pipeline and help the next generation of innovators succeed.