



Ground System Architectures Workshop

Driving Innovation for Enterprise Integration

February 23–March 3, 2022 | Virtual Event

Dr. Abraham Leigh

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Dr. Abraham Leigh is a Senior Technical Advisor for the MITRE Corporation. He guides the delivery of numerous command and control, modeling and simulation, acquisition and system of systems integration and engineering efforts across the entirety of the United States Space Force.

His experiences include leading teams and projects focused on the delivery of capabilities across the ground segment. He has history working on the entire lifecycle of several space and ground systems from concept and requirements development, acquisition, integration, test and evaluation, fielding and operations.

He was an active duty Air Force Officer focused on Satellite Operations and Development Engineering. During his time in the Air Force he held several assignments focused across the lifecycle of numerous command and control capabilities for National, Department of Defense, Research and Development and commercial space systems.

Dr. Leigh is a graduate of the United States Air Force Academy with a Bachelor's Degree in Astronautical Engineering. He has a Masters in Space Operations from the University of Colorado at Colorado Springs and his PhD in Astronautical Engineering from the Air Force Institute of Technology. His dissertation developed a novel algorithm for multi-satellite maneuvering that accounted for the location of numerous ground antennas, highlighting the importance of the entire control segment for the effective employment of space capabilities.