Denver Smith
The Aerospace Corporation

Denver Smith is a Senior Engineering Specialist in the Aerospace Digital Engineering (DE) Integration Office. In his role, Denver leads key elements of the Aerospace DE transformation effort, specifically capability development in the area of Digital Twins. Denver works to establish functional Digital Twins across the entire product lifecycle for Aerospace internal projects. Through this work, a Digital Twin Specification and Framework are being developed that focuses on the practical application of Digital Twins.

Prior to joining Aerospace, Denver served as the Digital Engineering Strategy Program Manager for Los Alamos National Laboratory. While in this role, he led the Digital Engineering Transition for the Weapons Engineering Directorate moving towards enhanced model-based capabilities across the weapon lifecycle. Denver has actively supported a broad set of initiatives across the Nuclear Security Enterprise and the National Nuclear Security Administration in their transition to modern Digital Engineering processes. Denver has a bachelor's degree in Mechanical Engineering from Northern Arizona University and a master's in Structural Engineering/Structural Health Monitoring from the University of California San Diego.

Dr. Robert Stevens
The Aerospace Corporation

Rob Stevens is the Director of the Model Based Systems Engineering Office at The Aerospace Corporation in El Segundo, California where he has provided systems engineering analysis support for numerous satellite programs, managed the corporation's Concept Design Center, and served as project systems engineer for several CubeSats in the AeroCube program. He currently manages teams that specialize in SysML modeling, space system concept design, concurrent engineering, space warfighting, and spacecraft digital twins.

Prior to joining The Aerospace Corporation, he served in the U.S. Navy for over 20 years operating, developing, and testing aerospace systems. During his military career, he flew as a Naval Flight Officer in E-2C Hawkeyes from the USS Constellation, managed satellite payload test programs, and served as an Assistant Professor and Director of the Small Satellite Program at U.S. Naval Academy.

He earned his B.S. in Aerospace Engineering from the U.S. Naval Academy, M.S. in Aeronautical and Astronautical Engineering from the Naval Postgraduate School, and his Ph.D. in Astronautical Engineering from the Air Force Institute of Technology.

Dexter Becklund
The Aerospace Corporation

Dexter Becklund is a senior member of the technical staff in the Vehicle Engineering Department, part of the Engineering and Technology Group at The Aerospace Corporation. Dexter has been at Aerospace since January 2019 and has focused on an array of topics during his time here including space vehicle AI&T, small satellite expertise, as well as space system modeling and simulation. Early in his time at Aerospace, Dexter performed a variety of analysis for communications systems which then evolved over time to his current role leading the modeling and simulation effort known as Aspen, one focus area of the discussion today.