

Systems Architecting and Engineering Program

Distinguished Speaker Series

Space is Still a One Strike and You're Out Business

**SAE 549: Systems Architecting
Monday, April 18 2016 at 3:30PM
Ronald Tutor Hall (RTH) 217**



Dr. William F. Ballhaus

Space is Still a One Strike and You're Out Business

Abstract:

This presentation covers an historical look at the space and launch business from the 1990s to the present, and how the US appears to experience a historical launch cycle. Dr. Ballhaus will also cover the key attributes of successful program execution based on his career experience in government and industry which includes the topics of controlling risk, cost and schedule estimating, people and teamwork, processes, and accountability.

Biography

Dr. William F. Ballhaus, Jr. is President Emeritus of the Aerospace Corporation. He served as Aerospace President from 2000 to 2007. Dr. Ballhaus joined Aerospace after an 11-year career with Lockheed Martin where he served as corporate vice president, Engineering & Technology. In that post, he was responsible for monitoring the scientific and engineering expertise for the company and overseeing research and engineering functions throughout the Corporation. Prior to his tenure with Lockheed Martin, Dr. Ballhaus served as president of two Martin Marietta businesses: Aero & Naval Systems and Civil Space & Communications. He also was vice president and program director, Titan IV Centaur, at Martin Marietta Space Launch Systems.

Prior to joining Martin Marietta, Dr. Ballhaus served as director of the NASA Ames Research Center at Moffett Field, California. He also acted as associate administrator for Aeronautics and Space Technology at NASA Headquarters in Washington, D.C., and served as president of the American Institute of Aeronautics and Astronautics.

Dr. Ballhaus has B.S. and M.S. degrees in Mechanical Engineering and a Ph.D. degree in Engineering from the University of California, Berkeley. He has served as a co-chair of the Air Force Scientific Advisory Board and currently serves on engineering advisory boards at the University of California, Berkeley, the University of Maryland, MIT, and Johns Hopkins. Dr. Ballhaus is a member of the National Academy of Engineering.

For additional information please contact:

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